

**Glial Fibrillary Acidic Protein (GFAP), IHC-Paraffin Staining Report**

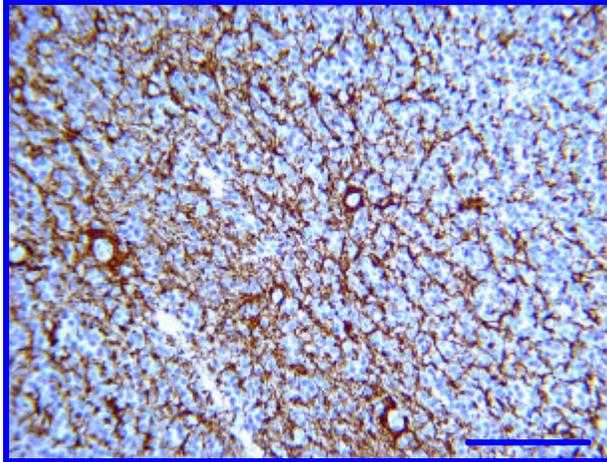
<b>Target Antigen:</b>	Glial Fibrillary Acidic Protein (GFAP)
<b>Catalog or ID #:</b>	IHC2078
<b>Host and Isotype:</b>	Rabbit IgG
<b>Clone and Lot #:</b>	N/A
<b>Purity and Method:</b>	N/A
<b>Concentration and Quantity:</b>	Prediluted
<b>Storage Conditions:</b>	2-4.0°C refrigerated
<b>Species Reactivity:</b>	Human, Porcine (Pig), Bovine, Chicken, Mouse, Rabbit, Rat. Reactivity with other species has not been confirmed.
<b>IHC-Paraffin Fixation Tested:</b>	10% neutral Buffered Formalin
<b>IHC-Paraffin Titer:</b>	N/A
<b>IHC-Paraffin Pretreatment(s):</b>	Heat Induced Epitope Retrieval (HIER): Recommend Citrate Buffer, pH 6.0, EDTA, pH 8.0 or TE Buffer, pH 9.0. No signal was detected without epitope retrieval.
<b>IHC-Paraffin Protocol:</b>	<b>IHC-Select, HRP-DAB</b> (Brief Outline): Blocking Reagent for 5 min. Primary Antibody (or Negative Control Reagent) for 10 min. Biotinylated Secondary Antibody for 10 min. Streptavidin-HRP for 10 min. DAB for 10 min. Hematoxylin for 1 min.
<b>Positive Tissue(s):</b>	Brain: Recognizes astrocytes, ependymal cells, nonmyelinating schwann cells and Bergmann glia cells. Glioma and glial cell derived tumors. Shows no cross-reactivity with vimentin.
<b>Subcellular Location(s):</b>	Cytoplasmic staining.
<b>Negative Tissue(s):</b>	Non-cerebral tissue
<b>Comments and References:</b>	Staining is as expected since immunoreactivity was restricted to ganglial cells and purkinje cells were negative.



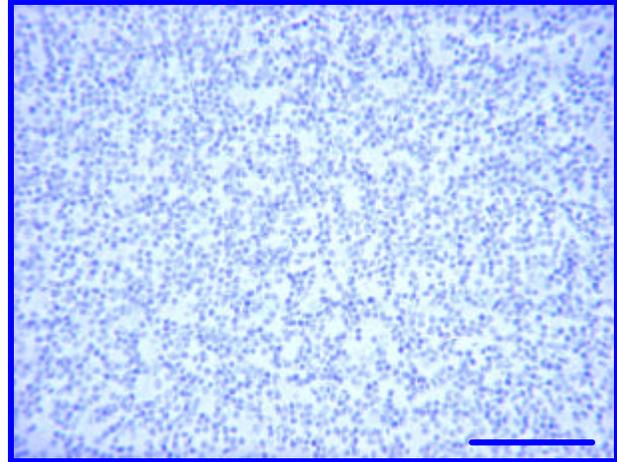
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**IHC – Paraffin Staining Examples:**

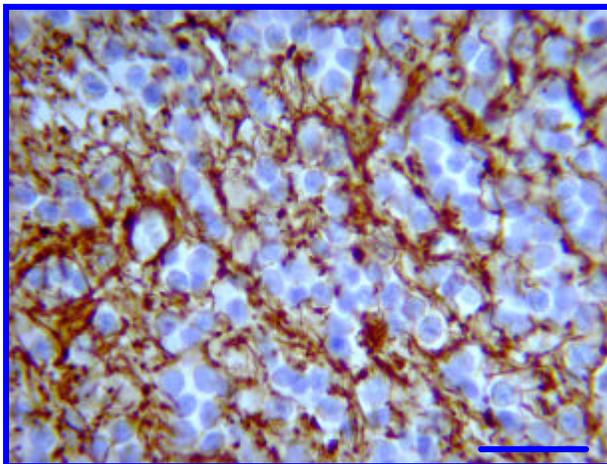
**Pictures of Optimal Staining EDTA Epitope Retrieval: Human Brain**



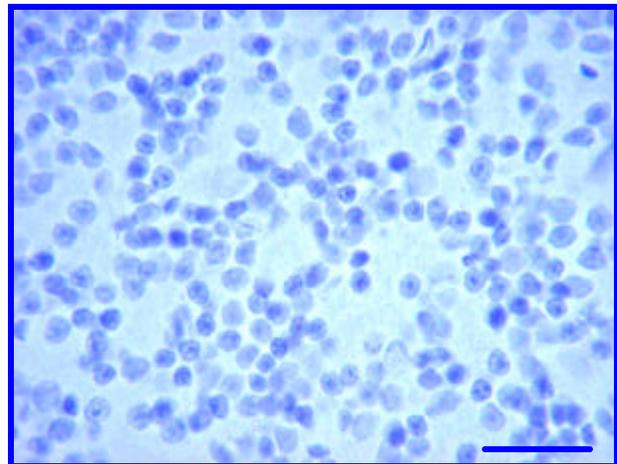
GFAP (IHC2078) staining of Human Brain. Tissue pretreated with EDTA, pH 8.0. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Glial cells stain strongly (brown). Bar = 100 $\mu$ m.



Negative Control staining of Human Brain. Tissue pretreated with EDTA, pH 8.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100 $\mu$ m.



GFAP (IHC2078) staining of Human Brain. Tissue pretreated with EDTA, pH 8.0. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Glial cells stain strongly (brown). Bar = 25 $\mu$ m.



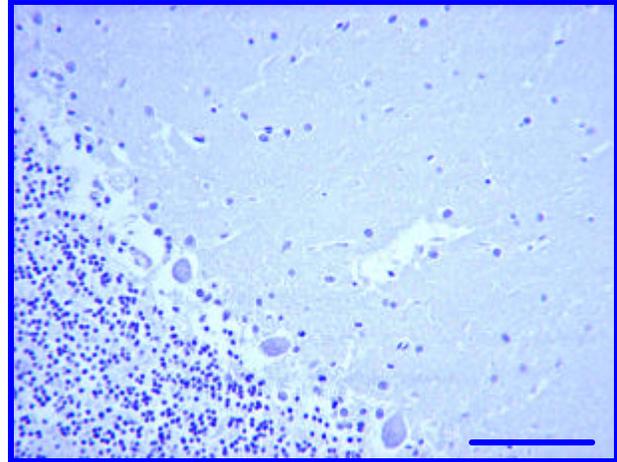
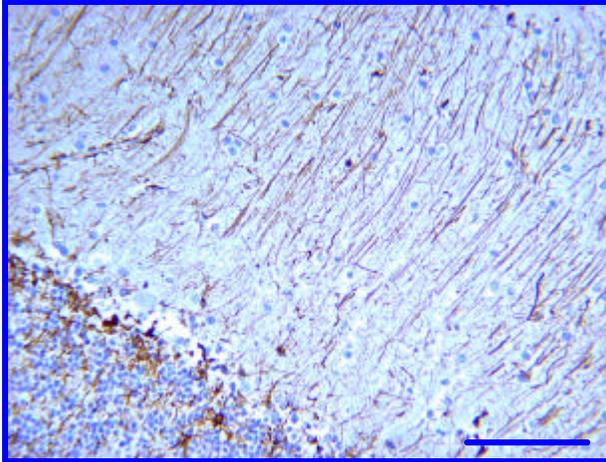
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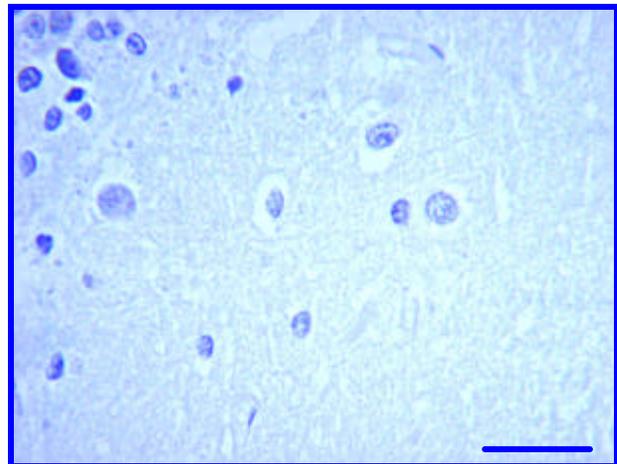
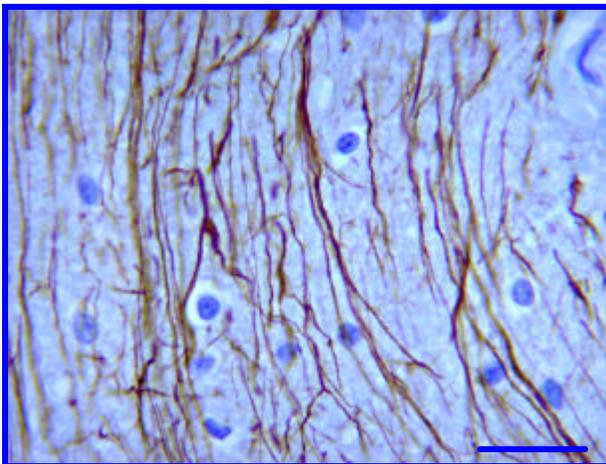
**IHC – Paraffin Staining Examples:**

**Pictures of Optimal Staining With TE Buffer Epitope Retrieval: Human Brain**



GFAP (IHC2078) staining of Human Brain. Tissue pretreated with TE Buffer, pH 9.0. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Glial cells stain very strongly (brown). Bar = 100µm.

Negative Control staining of Human Brain. Tissue pretreated with TE Buffer, pH 9.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100µm.



GFAP (IHC2078) staining of Human Brain. Tissue pretreated with TE Buffer, pH 9.0. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Glial cells stain very strongly (brown). Bar = 25µm.

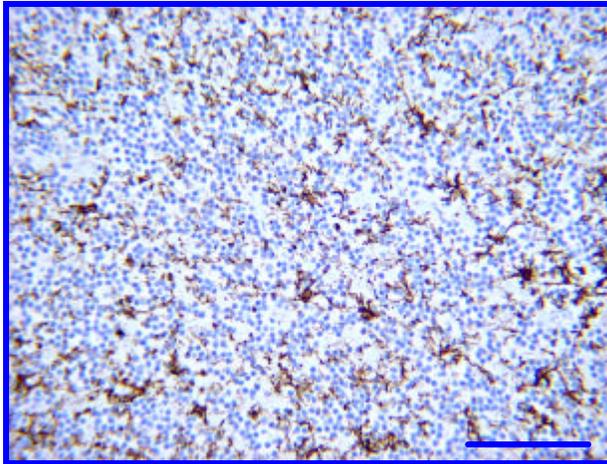
Negative Control staining of Human Brain. Tissue pretreated with Citrate Buffer, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected Bar = 25µm.



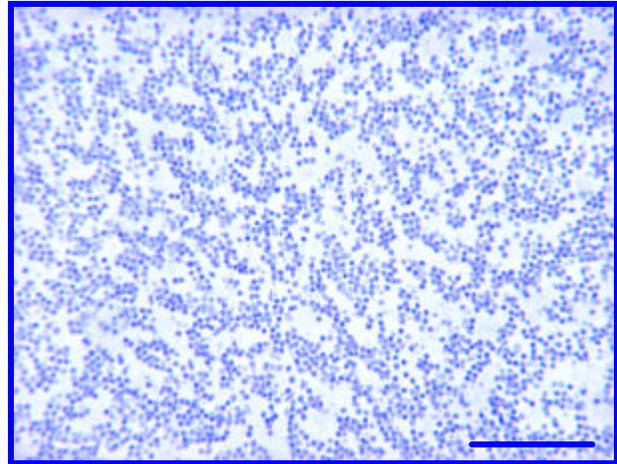
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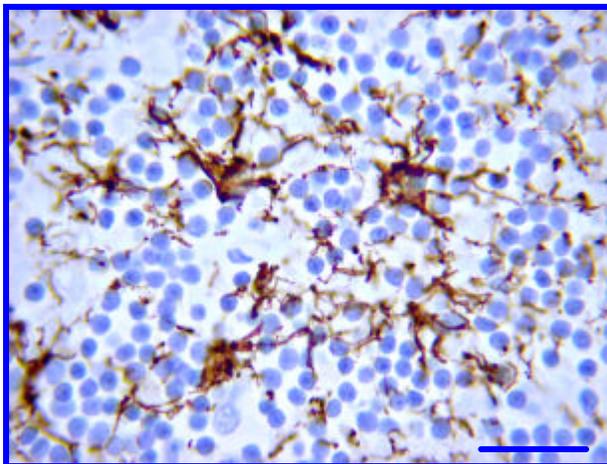
**Pictures of Optimal Staining With Citrate Buffer Epitope Retrieval: Human Brain**



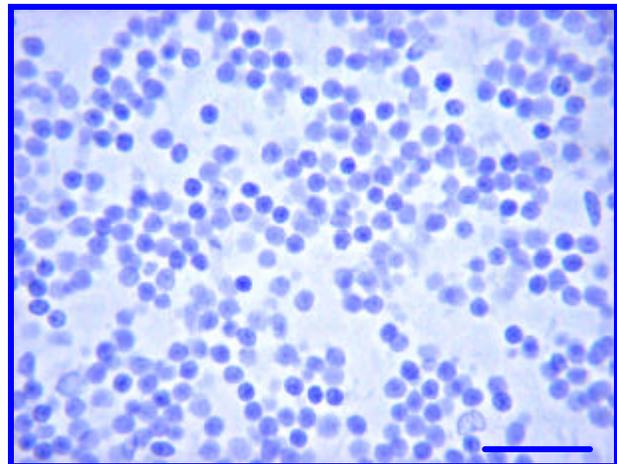
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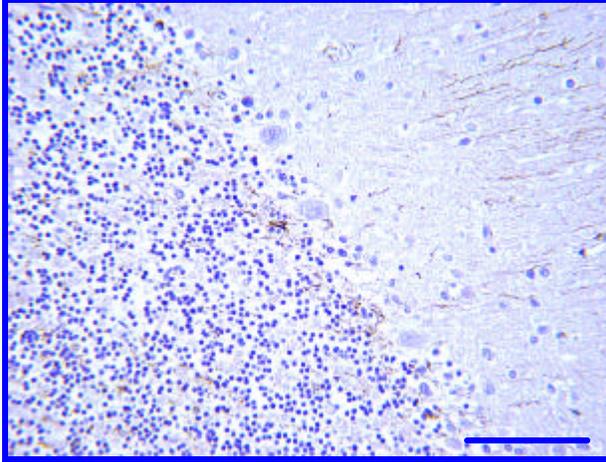
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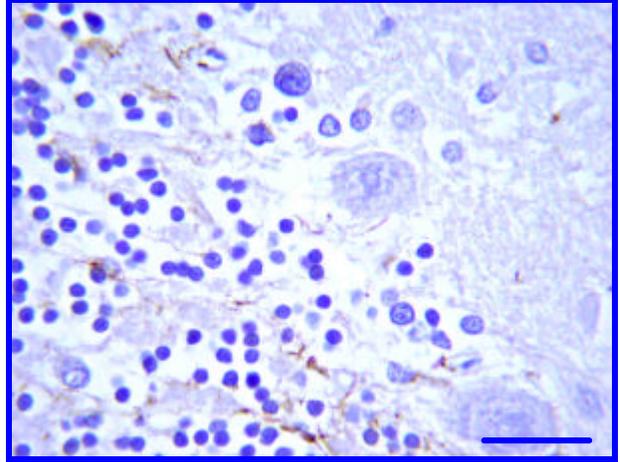
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**IHC – Paraffin Staining Examples:**

**Pictures of Staining Without Epitope Retrieval: Human Brain**



GFAP (IHC2078) staining of Human Brain. Tissue without Epitope retrieval. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Little or no signal is detected. Bar = 100 $\mu$ m.



GFAP (IHC2078) staining of Human Brain. Tissue without Epitope retrieval. Prediluted polyclonal antibody, IHC-Select Detection with HRP-DAB. Little or no signal is detected. Bar = 25 $\mu$ m.