

**GOAT ANTI-HUMAN VIMENTIN  
POLYCLONAL ANTIBODY**

---

<b>CATALOG NUMBER:</b>	<b>AB1620</b>	<b>QUANTITY:</b>	500 µL
<b>LOT NUMBER:</b>			
<b>BACKGROUND:</b>	Vimentin is one of the five major groups of intermediate filaments, a distinct class of cytoskeletal proteins, occurring in mesenchymal cells. Localized vimentin can be detected in fibroblasts, endothelial cells, lymphoid tissues, and melanocytes.		
<b>SPECIFICITY:</b>	Recognizes vimentin in cultured mammalian cells and tissue sections. AB1620 specifically stains the vimentin band (58 kD) using total cell or tissue extracts in immunoblotting. No reactivity to desmin, keratin, neurofilaments or glial filaments. Shows wide cross-reactivity among mammalian species using various immunolabeling techniques.		
<b>APPLICATIONS:</b>	<u>Western blot:</u> 1:100 <u>Immunohistochemistry:</u> 1:20-1:40; shows reactivity on frozen tissue sections as well as formalin-fixed paraffin embedded tissue by immunoperoxidase and immunofluorescence techniques <i>Optimal working dilutions must be determined by end user.</i>		
<b>SPECIES REACTIVITY:</b>	Human and other mammals. Reactivity with other species has not been confirmed.		
<b>IMMUNOGEN:</b>	Vimentin purified from cultured human foreskin fibroblasts.		
<b>PRESENTATION:</b>	Neat goat serum. Liquid containing 0.1% sodium azide.		
<b>STORAGE/HANDLING:</b>	Maintain at -20°C for up to 12 months from date of receipt. Avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	Bareyre, F. et al. (2002). <i>J. Neuroscience</i> <b>22</b> : 7097-7110.  Dai, C et al. (2001). PDGF autocrine stimulation differentiates cultured astrocytes and induces oligodendroglomas and oligoastrocytomas from neural progenitors and astrocytes in vivo. <i>Genes &amp; Develop</i> <b>15</b> : 1913-1925.		

*For research use only; not for use as a diagnostic.*

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*