



RABBIT ANTI- SORTILIN POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB9712
LOT NUMBER:	
QUANTITY:	50 µL
SPECIFICITY:	Sortilin (Neurotensin receptor 3). By Western blot the antibody recognizes a strong band at ~90 kDa in extracts of NSC34 cells. By immunohistochemistry the antibody intensely stains motor neurons within the rat spinal cord.
BACKGROUND:	The neurotensin receptor 3 or sortilin (the intracellular sorting protein 95 kDa) is a member of a family of receptors characterized by a single transmembrane domain, a short intracytoplasmic domain and a long cysteine-rich luminal extracellular domain. This receptor has been found in the brain, spinal cord, muscle and other peripheral cell types and cancer cells. Sortilin exhibits sequence similarities with proteins involved in intracellular transport and trafficking.
IMMUNOGEN:	Recombinant protein from the extracellular domain of human sortilin.
APPLICATIONS:	Western blot: 1:1,000-1:2,000 on extracts from NSC34 cells. Immunohistochemistry: 1:500-1:1,000 on rat spinal cord. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITY:	Human, rat and mouse. Other species have not been tested.
FORMAT:	Rabbit serum.
PRESENTATION:	Lyophilized. Reconstitute with 50 µL of sterile distilled water. Centrifuge to remove any insoluble material.
STORAGE/HANDLING:	Maintain lyophilized material at -20 to -70°C for up to 12 months after date of receipt. After reconstitution maintain at -20°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles. Glycerol (ACS grade or better) can be added 1:1 for additional stability.
RELATED REFERENCE:	Sarret, P., et al., <i>J Comparative Neurology</i> (2003) 461 :483-505.



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 μ L 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.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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