

Sortilin Polyclonal Antibody

Catalog NumberOSS00052W

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µL	Immunohistochemistry (IHC)	1:300-1:2,000
Host/Isotope	Sheep / IgG	Western Blot (WB)	1:300-1:2,000
Class	Polyclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Immunogen	A synthetic peptide from the extracellular domain of Sortilin conjugated to blue carrier protein was used as the antigen.		
Conjugate	Unconjugated		
Form	Lyophilized		
Concentration	Conc. Not Determined		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.		

Product specific information

Reconstitute with 100 µL of distilled water. The peptide shares 95% identity with mouse sequence.

Background/Target Information

Sortilin functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface. Sortilin is required for protein transport from the Golgi apparatus to the lysosomes by a pathway that is independent of the mannose-6-phosphate receptor (M6PR). It is also required for protein transport from the Golgi apparatus to the endosomes. Sortilin promotes neuronal apoptosis by mediating endocytosis of the proapoptotic precursor forms of BDNF (proBDNF) and NGFB (proNGFB). Also, Sortilin acts as a receptor for neurotensin.

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