

Anti-Sortilin Antibody (7G929)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	7G929
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of Sortilin expression in SW480 cell lysate.
Application:	IHC,WB
Recommended	IHC: 1:100-1:200; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Sortilin
Synonyms:	SORT 1;NTR3;LDLCQ6;Neurotensin receptor 3;100 kDa NT receptor;NT3;Gp95;Glycoprotein 95; Sortilin 1

Research Background

Functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface. Required for protein transport from the Golgi apparatus to the lysosomes by a pathway that is independent of the mannose-6-phosphate receptor (M6PR). Lysosomal proteins bind specifically to the receptor in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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