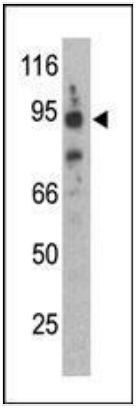
Synphilin-1 (SPH1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Synphilin-1 (Sph1), Polyclonal Antibody
Full Product Name	Synphilin-1, CT (Sph1, Alpha-synuclein-interacting Protein, SNCAIP) (MaxLight 490)
Product Gene Name	anti-Sph1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human Synphilin-1. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	100.381
Immunogen	Synthetic peptide in the C-terminal region of human Synphilin-1 (KLH).
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-Sph1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-Sph1 antibody	Western Blot (WB), FLISA
Application Notes for anti-Sph1 antibody	WB: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Sph1 antibody	MBS6501839 is an antibody targeting Sph1. Also known as Synphilin-1, CT (Sph1, Alpha-synuclein-interacting Protein, SNCAIP) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-Sph1 antibody	1. Kruger, R. Cell Tissue Res. 318(1), 195-199 (2004). 2. Lee, G., etal. J. Biol. Chem. 279(8), 6834-6839 (2004). 3. Tanaka, M., et al. J. Biol. Chem. 279(6), 4625-4631 (2004). 4. Nagano, Y., et al. J. Biol. Chem. 278(51), 51504-51514 (2003). 5. Marx, F.P., etal. Hum. Mol. Genet. 12(11), 1223-1231 (2003). 6.Junn, E., et al. J. Biol. Chem. 277(49), 47870-47877 (2002). 7.Chung, K.K., et al. Nat. Med. 7(10), 1144-1150 (2001). 8.Kawamata, H., et al. J. Neurochem. 77(3), 929-934 (2001). 9.Engelender, S., et al. Nat. Genet. 22(1), 110-114 (1999).
Other Notes	Small volumes of anti-Sph1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-Sph1 antibody
The anti-Synphilin-1 C-term Pab is used in Western blot to detect Synphilin-1 in mouse brain lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Sph1. It may not necessarily be applicable to this product.

NCBI GI #	4885603
NCBI Accession #	NP_005451.1
GenBank Nucleotide #	NP_005451.1
NCBI Official Full Name	synuclein alpha interacting protein
Protein Family	Protein
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