

Rabbit anti-Human MLPH Polyclonal Antibody | anti-MLPH antibody

MLPH Antibody (C-term)

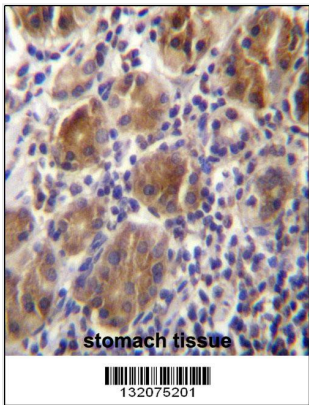
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288269	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

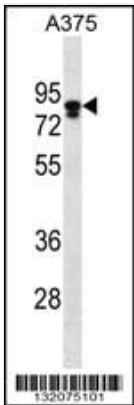
MLPH; Polyclonal Antibody; MLPH Antibody (C-term); Melanophilin; Exophilin-3; Slp homolog lacking C2 domains a; SlaC2-a; Synaptotagmin-like protein 2a; SLAC2A; anti-MLPH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLPH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 541-569 amino acids from the C-terminal region of human MLPH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	541-569
Sequence Length	572
Applicable Applications for anti-MLPH antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
MLPH Antibdy (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MLPH Antibdy (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MLPH Antibody (C-term) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the MLPH antibody detected the MLPH protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MLPH antibody	This gene encodes a member of the exophilin subfamily of Rab effector proteins. The protein forms a ternary complex with the small Ras-related GTPase Rab27A in its GTP-bound form and the motor protein myosin Va. A similar protein complex in mouse functions to tether pigment-producing organelles called melanosomes to the actin cytoskeleton in melanocytes, and is required for visible pigmentation in the hair and skin. A mutation in this gene results in Griscelli syndrome type 3, which is characterized by a silver-gray hair color and abnormal pigment distribution in the hair shaft. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
Product Categories/Family for anti-MLPH antibody	Neuroscience; Signal Transduction
References	Park, J.W., et al. J. Med. Genet. 43(7):598-608(2006) Seabra, M.C., et al. Traffic 5(6):393-399(2004) Fukuda, M., et al. J. Cell. Sci. 117 (PT 4), 583-591 (2004) : Lukusa, T., et al. Genet. Couns. 15(3):293-301(2004) Menasche, G., et al. J. Clin. Invest. 112(3):450-456(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	109826351
NCBI GeneID	79083
NCBI Accession #	NP_001035932.1; NP_001268402.1; NP_077006.1
NCBI GenBank Nucleotide #	NM_001042467.2
UniProt Accession #	Q9BV36; Q9HA71; B3KSS2; B4DKW7; G5E9G5
Molecular Weight	65949
NCBI Official Full Name	melanophilin isoform 2
NCBI Official Synonym Full Names	melanophilin
NCBI Official Symbol	MLPH

NCBI Official Synonym Symbols	SLAC2-A
NCBI Protein Information	melanophilin
UniProt Protein Name	Melanophilin
UniProt Gene Name	MLPH
UniProt Synonym Gene Names	SLAC2A; SlaC2-a
UniProt Entry Name	MELPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mlph-antibody-immunohistochemistry-western-blot-elisa/288269>