

Rabbit anti-Human, Mouse Melanophilin Polyclonal Antibody | anti-MLPH antibody

Melanophilin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322987	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

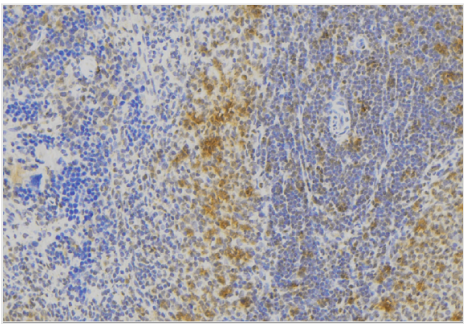
PRODUCT SYNONYMS

Melanophilin; Polyclonal Antibody; Melanophilin Antibody; 2210418F23Rik; 5031433I09Rik; AW228792; D1Wsu84e; Exophilin 3; Exophilin-3; I(1)-3Rk; I1Rk3; Leaden; Leaden protein; In; MELPH_HUMAN; MGC2771; MGC59733; Mlph; Slac 2a; SlaC2-a; Slp homolog lacking C2 domains a; Synaptotagmin like protein 2a; Synaptotagmin like protein lacking C2 domains A; Synaptotagmin-like protein 2a; anti-MLPH antibody

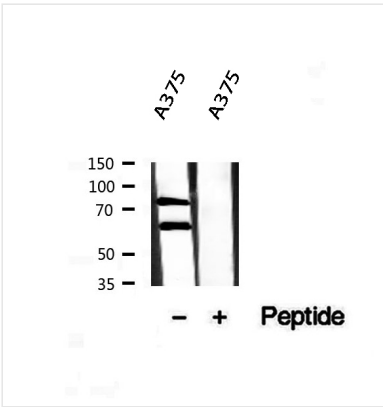
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Melanophilin antibody detects endogenous levels of Melanophilin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-MLPH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Melanophilin.
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Bovine, Sheep, Chicken
Similarity	Bovine (83%), Sheep (83%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

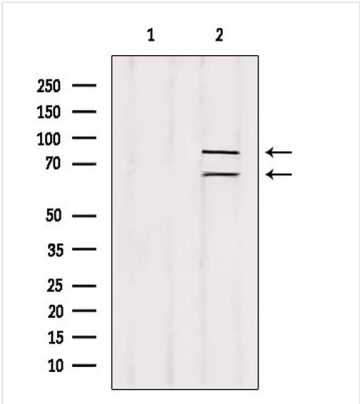
IMAGES



IHC (Immunohistochemistry)
AAA322987 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from A375, using Melanophilin antibody.



WB (Western Blot)
Western blot analysis of extracts from rat spleen, using Melanophilin antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MLPH antibody	Function: Rab effector protein involved in melanosome transport. Serves as link between melanosome-bound RAB27A and the motor protein MYO5A. Subunit Structure: Binds RAB27A that has been activated by GTP-binding via its N-terminus. Binds MYO5A via its C-terminal coiled coil domain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109826351
NCBI GeneID	79083
NCBI Accession #	NP_001035932.1
NCBI GenBank Nucleotide #	NM_001042467.2
UniProt Accession #	Q9BV36; Q9HA71; B3KSS2; B4DKW7; G5E9G5
Molecular Weight	Observed: 66 kDa; 80 kDa Predicted: 66 kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/melanophilin-antibody-immunohistochemistry-western-blot-elisa/322987>