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Datasheet for ABIN6746597

anti-Melanophilin antibody (AA 511-560)

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Overview

Quantity:	100 µL
Target:	Melanophilin (MLPH)
Binding Specificity:	AA 511-560
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melanophilin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa511-560 of human MLPH (Q9BV36, NP_077006). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey (100%), Marmoset (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human MLPH / Melanophilin
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	Melanophilin (MLPH)
Alternative Name:	MLPH / Melanophilin (MLPH Products)

Target Details

Background: Name/Gene ID: MLPH
Synonyms: MLPH, Exophilin-3, L1Rk3, Ln, L(1)-3Rk, Slac-2a, SLAC2-A, Synaptotagmin-like protein 2a, Melanophilin, SLAC2A

Gene ID: 79083

NCBI Accession: [NP_077006](#)

UniProt: [Q9BV36](#)

Application Details

Application Notes: Approved: WB (0.2 - 1 µg/mL)
Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Ohashi, Burkart, Flohé, Kolb: "Cutting edge: heat shock protein 60 is a putative endogenous ligand of the toll-like receptor-4 complex." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 164, Issue 2, pp. 558-61, (2000) ([PubMed](#)).

Publications

Xanthoudakis, Roy, Rasper, Hennessey, Aubin, Cassady, Tawa, Ruel, Rosen, Nicholson: "Hsp60 accelerates the maturation of pro-caspase-3 by upstream activator proteases during apoptosis." in: **The EMBO journal**, Vol. 18, Issue 8, pp. 2049-56, (1999) ([PubMed](#)).

Venner, Singh, Gupta: "Nucleotide sequences and novel structural features of human and Chinese hamster hsp60 (chaperonin) gene families." in: **DNA and cell biology**, Vol. 9, Issue 8, pp. 545-52, (1991) ([PubMed](#)).

Images

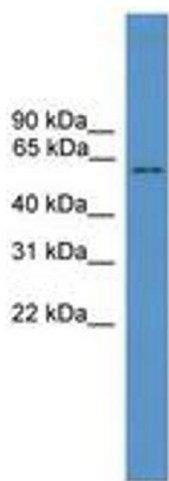


Image 1.