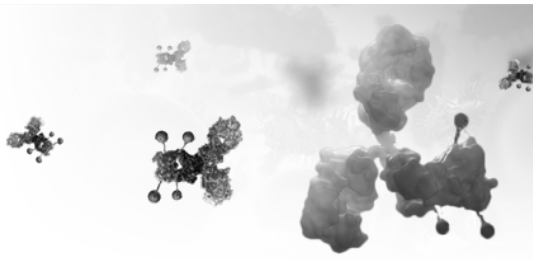

Mouse MLPH blocking peptide (CDBP1860)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Melanophilin (mouse) antibody
Antigen Description	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 encoding different isoforms have been found for this gene. (provided by RefSeq, Jul 2013)
Species	Mouse
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	Mlph melanophilin [Mus musculus (house mouse)]

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Official Symbol	MLPH
Synonyms	MLPH; melanophilin; ln; l1Rk3; Slac-2a; AW228792; D1Wsu84e; l(1)-3Rk; 2210418F23Rik; 5031433I09Rik; slaC2-a; exophilin-3; leaden protein; synaptotagmin-like protein 2a; slp homolog lacking C2 domains a;
Entrez Gene ID	171531
mRNA Refseq	NM_053015.3
Protein Refseq	NP_443748.2
UniProt ID	Q91V27
Chromosome Location	1 D; 1 45.73 cM
Pathway	XPodNet - protein-protein interactions in the podocyte expanded by STRING, organism-specific biosystem;
Function	Rab GTPase binding; actin binding; metal ion binding; microtubule plus-end binding; myosin V binding; myosin binding; protein binding;

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