MUTED Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MUTED, Polyclonal Antibody
Full Product Name	MUTED (Center) Rabbit pAb
Product Gene Name	anti-MUTED antibody
Product Synonym Names	Biogenesis of lysosome-related organelles complex 1 subunit 5; BLOC-1 subunit 5; Protein Muted homolog; BLOC1S5; MUTED
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB22107
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	607289
3D Structure	ModBase 3D Structure for Q8TDH9
Immunogen	This MUTED antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-68 amino acids from the central region of human MUTED.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MUTED antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MUTED antibody	WB: 1:1000 IHC: 1:50-100
Related Product Information for anti-MUTED antibody	MBS8551194 is an antibody targeting MUTED. Also known as MUTED (Center) Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-MUTED 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.

ADDITIONAL DETAILS

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

NCBI GI #	313482848
NCBI Accession #	NP_001186251.1
UniProt Primary Accession #	Q8TDH9
GenBank Nucleotide #	NP_001186251.1
NCBI Official Full Name	biogenesis of lysosome-related organelles complex 1 subunit 5 isoform 2

UniProt Protein Name	Biogenesis of lysosome-related organelles complex 1 subunit 5
UniProt Synonym Protein Names	Protein Muted homolog
Protein Family	Biogenesis of lysosome-related organelles complex
UniProt Gene Name	BLOC1S5
UniProt Synonym Gene Names	MUTED; BLOC-1 subunit 5
UniProt Entry Name	BL1S5_HUMAN
UniProt Comments for MUTED	MUTED: The BLOC-1 complex is required for normal biogenesis of lysosome-related organelles, such as platelet dense granules and melanosomes. Plays a role in intracellular vesicle trafficking. Belongs to the Muted family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 6p25.1-p24.3 Cellular Component: transport vesicle Molecular Function: protein binding Biological Process: positive regulation of pigment cell differentiation; melanosome organization and biogenesis; otolith morphogenesis; anterograde synaptic vesicle transport; anterograde axon cargo transport; melanosome transport; neurite development
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