

Rabbit MUTED Polyclonal Antibody | anti-BLOC1S5 antibody

MUTED Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284338	Rabbit	Human, mouse (Predicted Reactivity: Pig)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MUTED; Polyclonal Antibody; MUTED Antibody (Center); Biogenesis of lysosome-related organelles complex 1 subunit 5; BLOC-1 subunit 5; Protein Muted homolog; BLOC1S5; anti-BLOC1S5 antibody

PRODUCT SPECIFICATIONS

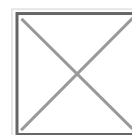
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MUTED antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-68 amino acids from the Central region of human MUTED.
Purity/Purification	Peptide 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	40-68
Sequence Length	123
Applicable Applications for anti-BLOC1S5 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.

IMAGES



IHC (Immunohistochemistry)

MUTED Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MUTED Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

MUTED Antibody (Center) western blot analysis in mouse bladder tissue lysates (15ug/lane). This demonstrates the MUTED antibody detected MUTED protein (arrow).



WB (Western Blot)
MUTED Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (15ug/lane). This demonstrates the MUTED antibody detected MUTED protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BLOC1S5 antibody	This gene encodes a component of BLOC-1 (biogenesis of lysosome-related organelles complex 1). Components of this complex are involved in the biogenesis of organelles such as melanosomes and platelet-dense granules. A mouse model for Hermansky-Pudlak Syndrome is mutated in the murine version of this gene. Alternative splicing results in multiple transcript variants. Read-through transcription exists between this gene and the upstream EEF1E1 (eukaryotic translation elongation factor 1 epsilon 1) gene, as well as with the downstream TXNDC5 (thioredoxin domain containing 5) gene.
Product Categories/Family for anti-BLOC1S5 antibody	Signal Transduction
References	Morris, D.W., et al. Biol. Psychiatry 63(1):24-31(2008) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Starcevic, M., et al. J. Biol. Chem. 279(27):28393-28401(2004) Li, W., et al. Nat. Genet. 35(1):84-89(2003) Ciciotte, S.L., et al. Blood 101(11):4402-4407(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	313482848
NCBI GeneID	63915
NCBI Accession #	NP_001186251.1; NP_958437.1
NCBI GenBank Nucleotide #	NM_001199322.1
UniProt Accession #	Q8TDH9; Q0VDJ6; Q0VDJ7; Q5THS1; Q68D56; Q8N5F9; Q9NU16; B4DVM2
Molecular Weight	21609
NCBI Official Full Name	biogenesis of lysosome-related organelles complex 1 subunit 5 isoform 2
NCBI Official Synonym Full Names	biogenesis of lysosomal organelles complex-1, subunit 5, muted
NCBI Official Symbol	BLOC1S5
NCBI Official Synonym Symbols	MU; BLOS5; MUTED
NCBI Protein Information	biogenesis of lysosome-related organelles complex 1 subunit 5
UniProt Protein Name	Biogenesis of lysosome-related organelles complex 1 subunit 5
UniProt Gene Name	BLOC1S5
UniProt Synonym Gene Names	MUTED; BLOC-1 subunit 5
UniProt Entry Name	BL1S5_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.

