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Datasheet for ABIN2789439
anti-MUTED antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	MUTED
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Horse, Rat, Dog, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUTED antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of MUTED
Sequence:	LSQVLQRLQA ANDSVGRLQQ REQERKKIHS DHLVASEKQH MLQWDNFMKE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 92%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against MUTED. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MUTED
Alternative Name:	MUTED (MUTED Products)

Target Details

Background: 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.

Alias Symbols: DKFZp686E2287, MU, MUTED

Protein Interaction Partner: HUWE1, TSNAX, UBC, APP, DCUN1D1, SQSTM1, YOD1, BLOC1S2, BLOC1S4, DTNBP1, SNAPIN, BLOC1S1, BLOC1S6, BLOC1S3,

Protein Size: 187

Molecular Weight: 21 kDa

Gene ID: 63915

NCBI Accession: [NM_201280](#), [NP_958437](#)

UniProt: [Q8TDH9](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 187 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

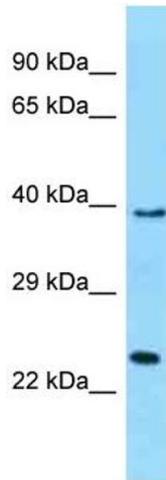
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MUTED Antibody Titration: 1.0 ug/ml Positive Control: Fetal Brain