

Datasheet for ABIN654098
anti-MUTED antibody (AA 40-68)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	MUTED
Binding Specificity:	AA 40-68
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUTED antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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.
Clone:	RB22107
Isotype:	Ig Fraction
Predicted Reactivity:	Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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.

Molecular Weight: 21609

Gene ID: 63915

NCBI Accession: [NP_001186251](#), [NP_958437](#)

UniProt: [Q8TDH9](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

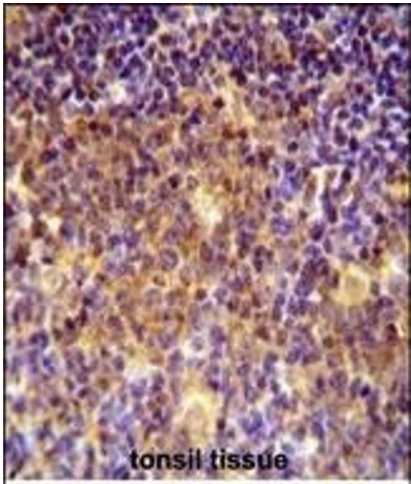
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

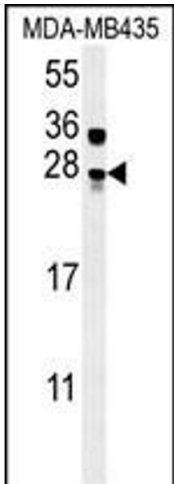
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



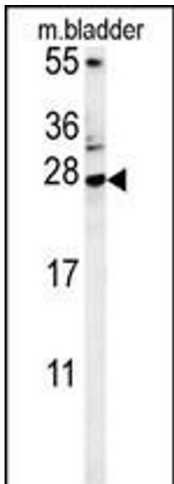
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Muted Antibody (Center) (ABIN654098 and ABIN2843982) 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.



Western Blotting

Image 2. Muted Antibody (Center) (ABIN654098 and ABIN2843982) western blot analysis in MDA-M cell line lysates (15 µg/lane). This demonstrates the Muted antibody detected Muted protein (arrow).



Western Blotting

Image 3. Muted Antibody (Center) (ABIN654098 and ABIN2843982) western blot analysis in mouse bladder tissue lysates (15 µg/lane). This demonstrates the Muted antibody detected Muted protein (arrow).