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Datasheet for ABIN7467586
anti-MYO5A antibody (C-Term)

Overview

Quantity:	100 µL
Target:	MYO5A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYO5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human MYO5A. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MYO5A
Alternative Name:	myosin VA (MYO5A Products)
Background:	Myosin VA , GS1 , MYH12 , MYO5 , MYR12,This gene is one of three myosin V heavy-chain

Target Details

genes, belonging to the myosin gene superfamily. Myosin V is a class of actin-based motor proteins involved in cytoplasmic vesicle transport and anchorage, spindle-pole alignment and mRNA translocation. The protein encoded by this gene is abundant in melanocytes and nerve cells. Mutations in this gene cause Griscelli syndrome type-1 (GS1), Griscelli syndrome type-3 (GS3) and neuroectodermal melanolyosomal disease, or Elejalde disease. Multiple alternatively spliced transcript variants encoding different isoforms have been reported, but the full-length nature of some variants has not been determined. [provided by RefSeq]

Molecular Weight: 215 kDa

Gene ID: 4644

UniProt: [Q9Y411](#)

Pathways: [Hormone Transport](#), [Peptide Hormone Metabolism](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: U87-MG , SK-N-SH

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.84 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.