Product Datasheet

MYO5A Rabbit Polyclonal Antibody

Catalog No: #55617

Package Size: #55617-1 50ul #55617-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

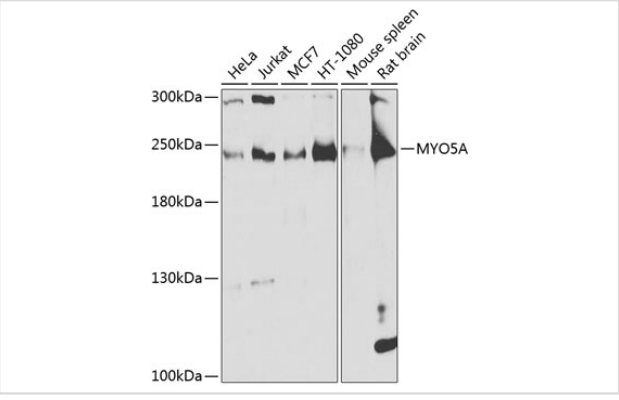
Description

Product Name	MYO5A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human MYO5A (NP_000250.3).
Other Names	MYO5A;GS1;MYH12;MYO5;MYR12;myosin VA
Accession No.	Uniprot:Q9Y4I1GeneID:4644
Calculated MW	212kDa/215kDa/218kDa
SDS-PAGE MW	240kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000IF□1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using MYO5A antibody.

Background

This gene is one of three myosin V heavy-chain 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 melanolysosomal 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.