ARG65296
anti-MYO5A antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MYO5A
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat
Tested Application	ICC/IF, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MYO5A
Species	Human
Immunogen	C-ETKQLELDLN
Conjugation	Un-conjugated
Alternate Names	GS1; MYH12; Unconventional myosin-Va; MYR12; Myosin-12; MYO5; Dilute myosin heavy chain, non-muscle; Myoxin; Myosin heavy chain 12

Application Instructions

Application table

Application	Dilution
ICC/IF	1 - 3 µg/ml
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

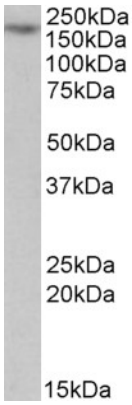
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 17918 Mouse GeneID: 4644 Human Swiss-port # Q99104 Mouse Swiss-port # Q9Y4I1 Human
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. [provided by RefSeq, Dec 2008]
Research Area	Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	215 kDa

Images



ARG65296 anti-MYO5A antibody WB image

Western Blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG65296 anti-MYO5A antibody at 1 µg/ml dilution.