

Myosin VA Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05731
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MYO5A. AA range:1784-1833
Mol wt	215421
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Myosin VA Antibody
Synonyms	MYO5A; MYH12; Unconventional myosin-Va; Dilute myosin heavy chain; non-muscle; Myosin heavy chain 12; Myosin-12; Myoxin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MYO5A 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 MYO5A 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year