

Myosin VI Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05732
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Myosin VI . at AA range: 40-120
Mol wt	149691
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Myosin VI Antibody
Synonyms	MYO6; KIAA0389; Unconventional myosin-VI; Unconventional myosin-6

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

Background

MYO6 encodes a reverse-direction motor protein that moves toward the minus end of actin filaments and plays a role in intracellular vesicle and organelle transport. The unconventional myosin-VI consists of a motor domain containing an ATP- and an actin-binding site and a globular tail which interacts with other proteins. This protein maintains the structural integrity of inner ear hair cells and mutations in this gene cause non-syndromic autosomal dominant and recessive hearing loss. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Recommended Dilution

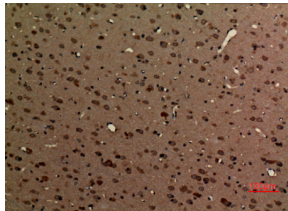
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

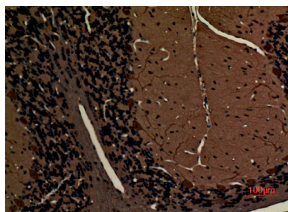
ELISA: 1: 5000

Not yet tested in other applications.

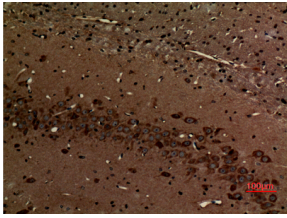
Images



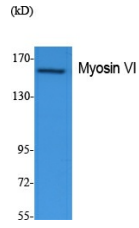
Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Western Blot analysis of extracts from Jurkat cells, using Myosin VI Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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