

Datasheet for ABIN953576
anti-Myosin VI antibody (C-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Myosin VI (MYO6)
Binding Specificity:	AA 1173-1203, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin VI antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	conjugated synthetic peptide between 1173-1203 amino acids from the C-terminal region of Human MYO6. Genename: MYO6
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MYO6 (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	Myosin VI (MYO6)
Alternative Name:	MYO6 (MYO6 Products)

Target Details

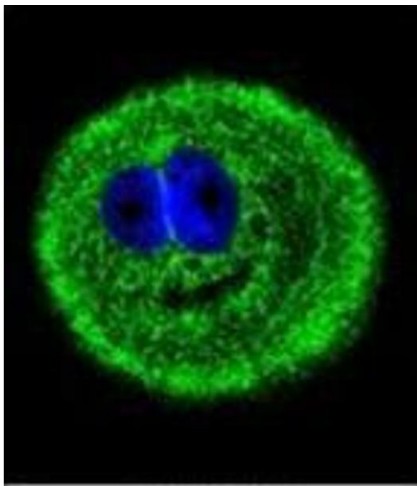
Background:	This gene encodes a protein involved intracellular vesicle and organelle transport, especially in the hair cell of the inner ear. Mutations in this gene have been found in patients with non-syndromic autosomal dominant and recessive hearing loss.Synonyms: KIAA0389, Unconventional myosin-6, Unconventional myosin-VI
Molecular Weight:	149691 Da
Gene ID:	4646
NCBI Accession:	NP_004990
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Asymmetric Protein Localization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

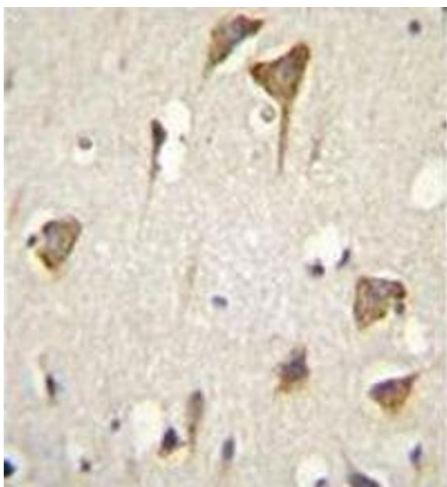
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



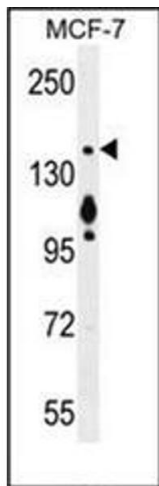
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of MYO6 Antibody (C-term) Cat.-No AP52797PU-N with MCF-7 cell followed by Alexa Fluor®488 conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin fixed and paraffin embedded human brain tissue stained with MYO6 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 3. Western blot analysis of MYO6 Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). This demonstrates the MYO6 antibody detected the MYO6 protein (arrow).