

Datasheet for ABIN655513  
**anti-Myosin VI antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	Myosin VI (MYO6)
Binding Specificity:	AA 1166-1195, 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))

## Product Details

Immunogen:	This MYO6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1166-1195 amino acids from the C-terminal region of human MYO6.
Clone:	RB19127
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Myosin VI (MYO6)
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## Target Details

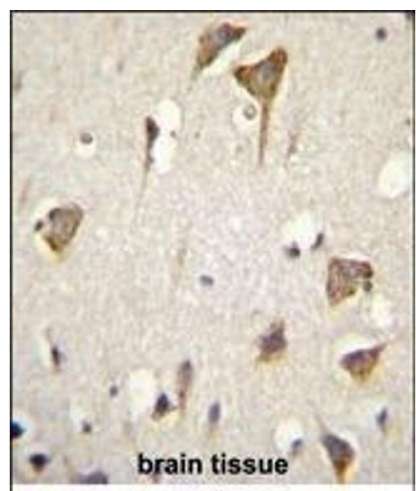
Alternative Name:	MYO6 ( <a href="#">MYO6 Products</a> )
Background:	This gene encodes a protein involved intracellular vesicle and organelle transport, especially in the hair cell of the inner ear. Mutations in this gene have been found in patients with non-syndromic autosomal dominant and recessive hearing loss.
Molecular Weight:	149691
Gene ID:	4646
NCBI Accession:	<a href="#">NP_004990</a>
UniProt:	<a href="#">Q9UM54</a>
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Asymmetric Protein Localization</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:2000-1:8000. IHC-P: 1:50~100
Restrictions:	For Research Use only

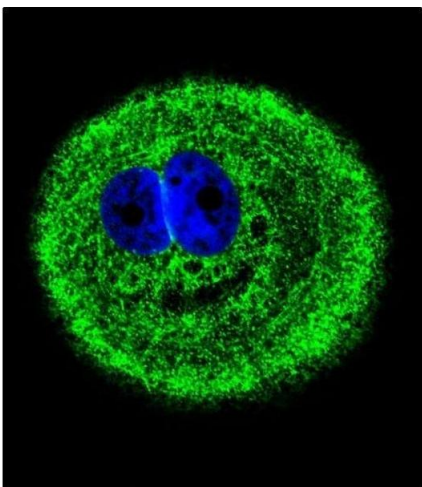
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



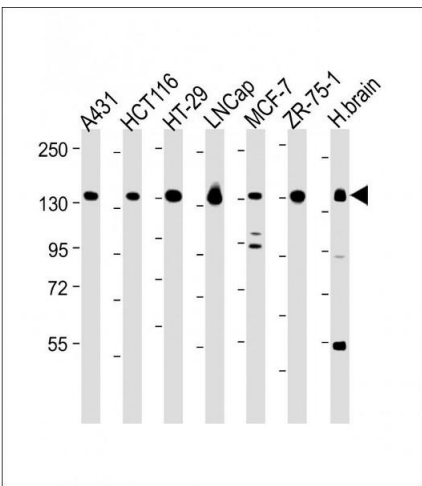
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** MYO6 Antibody (C-term ) (ABIN655513 and ABIN2845028) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MYO6 Antibody (C-term ) for immunohistochemistry. Clinical relevance has not been evaluated.



### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of MYO6 Antibody (C-term ) (ABIN655513 and ABIN2845028) with MCF-7 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



### Western Blotting

**Image 3.** All lanes : Anti-MYO6 Antibody (C-term ) at 1:2000-1:8000 dilution Lane 1: A431 whole cell lysate Lane 2: HC whole cell lysate Lane 3: HT-29 whole cell lysate Lane 4: LNCap whole cell lysate Lane 5: MCF-7 whole cell lysate Lane 6: ZR-75-1 whole cell lysate Lane 7: Human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 150 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.