

## ARG44711 anti-MYO6 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes MYO6
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	MYO6
Species	Human
Conjugation	Un-conjugated
Alternate Names	MYO6; Myosin VI; KIAA0389; Unconventional Myosin-VI; Unconventional Myosin-6; DFNA22; DFNB37; Deafness, Autosomal Recessive 37

### Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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.

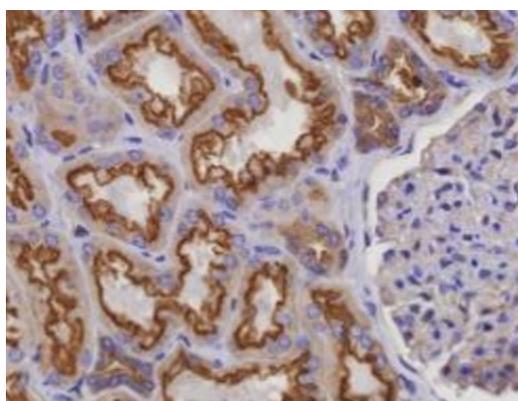
### Bioinformation

Gene Symbol	MYO6
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Gene Full Name	Myosin Vi
Background	This gene 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 protein 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.
Function	Myosins are actin-based motor molecules with ATPase activity.
Calculated Mw	150 kDa
PTM	Phosphoprotein
Cellular Localization	Cell membrane, Cell projection, Coated pit, #Cytoplasm, Cytoplasmic vesicle, Endosome, Golgi apparatus, Membrane, Nucleus

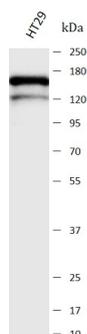
## Images

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ARG44711 anti-MYO6 antibody IHC-P image

Immunohistochemistry: Human kidney stained with ARG44711 anti-MYO6 antibody at 5 µg/mL dilution.



ARG44711 anti-MYO6 antibody WB image

Western blot: HT29 stained with ARG44711 anti-MYO6 antibody at 1 µg/mL dilution.

ARG44711 anti-MYO6 antibody IP image

Immunoprecipitation: HT29 lysate immunoprecipitated with 2.5 µg of ARG44711 anti-MYO6 antibody.

