

Rabbit MYH14 Polyclonal Antibody | anti-MYH14 antibody

MYH14 Antibody (Center)

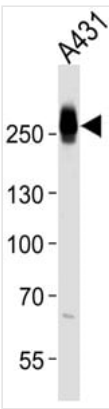
CATALOG # AAA287059	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

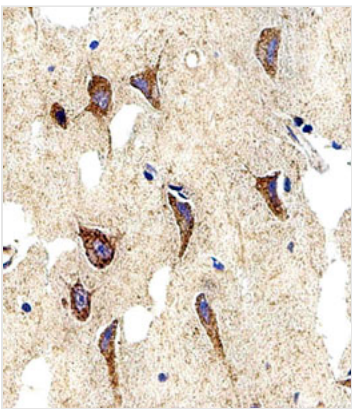
MYH14; Polyclonal Antibody; MYH14 Antibody (Center); Myosin-14; Myosin heavy chain 14; Myosin heavy chain; non-muscle IIc; Non-muscle myosin heavy chain IIc; NMHC II-C; KIAA2034; anti-MYH14 antibody

PRODUCT SPECIFICATIONS

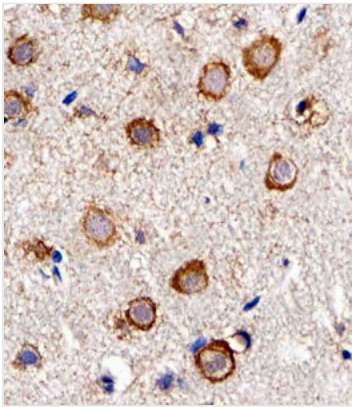
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MYH14 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 654-668 amino acids from the Central region of human MYH14.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	2,003
Applicable Applications for anti-MYH14 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.
Tissue Location	High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low in organs composed mainly of smooth muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysate from A431 cell line, using MYH14 Antibody (Center). AAA287059 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded H.brain section using MYH14 Antibody (Center). AAA287059 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded M.brain section using MYH14 Antibody (Center). AAA287059 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH14 antibody	Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping (By similarity).
Product Categories/Family for anti-MYH14 antibody	Crown Antibodies; Developmental Biology; Neuroscience; Signal Transduction
References	Leal A.,et al.Gene 312:165-171(2003). Nagase T.,et al.Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases. Grimwood J.,et al.Nature 428:529-535(2004). Bienvenut W.V.,et al.Submitted (NOV-2006) to UniProtKB. Jana S.S.,et al.J. Biol. Chem. 284:11563-11571(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284396
NCBI GeneID	79784
NCBI Accession #	NP_001070654.1
NCBI GenBank Nucleotide #	NM_001077186.1
UniProt Accession #	Q7Z406; Q5CZ75; Q6XYE4; Q76B62; Q8WV23; Q96I22; Q9BT27; Q9BW35; Q9H882; B0I1S2; C3TTN4

Molecular Weight	227871
NCBI Official Full Name	myosin-14 isoform 1
NCBI Official Synonym Full Names	myosin, heavy chain 14, non-muscle
NCBI Official Symbol	MYH14
NCBI Official Synonym Symbols	DFNA4; MHC16; MYH17; PNMHH; DFNA4A; myosin; FP17425; NMHC II-C; NMHC-II-C
NCBI Protein Information	myosin-14
UniProt Protein Name	Myosin-14
UniProt Gene Name	MYH14
UniProt Synonym Gene Names	KIAA2034; NMHC II-C
UniProt Entry Name	MYH14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/myh14-antibody-immunohistochemistry-western-blot-elisa/287059>