Rabbit anti-Human MYH14/Myosin-14 Polyclonal Antibody | anti-MYH14 antibody

Rabbit anti-MYH14/Myosin-14 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213184	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

MYH14/Myosin-14; Polyclonal Antibody; Rabbit anti-MYH14/Myosin-14 Antibody; Affinity Purified; myosin; heavy chain 14; non-muscle; nonmuscle myosin heavy chain II-C; non-muscle myosin heavy chain IIc; NMHC-II-C; NMHC II-C; MHC16; myosin-14; heavy polypeptide 14; PNMHH; Myosin heavy chain 14; MYH14 variant protein; MYH17; FP17425; DFNA4A; DFNA4; myosin heavy chain; non-muscle IIc; Myosin-14; myosin heavy chain 14; anti-MYH14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MYH14 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1850 and 1900
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human MYH14 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MYH14 antibody AAA213184 (lot AAA213184-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human MYH14 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MYH14 antibody AAA213184 (lot AAA213184-1) used for IP at 6 ug per reaction. MYH14 was also immunoprecipitated by rabbit anti-MYH14 antibody For blotting immunoprecipitated MYH14, AAA213184 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH14 antibody	Myosin plays a role in cytokinesis, cell shape, and specialized functions such as secretion and capping [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q7Z406].
Product Categories/Family for anti-MYH14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284394
NCBI GeneID	79784
NCBI Accession #	NP_079005.3
NCBI GenBank Nucleotide #	NM_024729.3
UniProt Accession #	Q7Z406; Q5CZ75; Q6XYE4; Q76B62; Q8WV23; Q96I22; Q9BT27; Q9BW35; Q9H882; B0I1S2; C3TTN4
Molecular Weight	227,871 Da
NCBI Official Full Name	myosin-14 isoform 2
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; MYH14 variant protein; myosin, heavy polypeptide 14; non-muscle myosin heavy chain IIc; nonmuscle myosin heavy chain II-C; myosin heavy chain, non-muscle IIc
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://stage.aaabiotech.com/polyclonal/myh14-myosin-14-antibody-immunoprecipitation-western-blot-elisa/213184