

Anti-Myosin 15 Antibody

Catalog # AP54101

Product Information

Application	WB, IF/IC
Primary Accession	Q9Y2K3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	222162

Additional Information

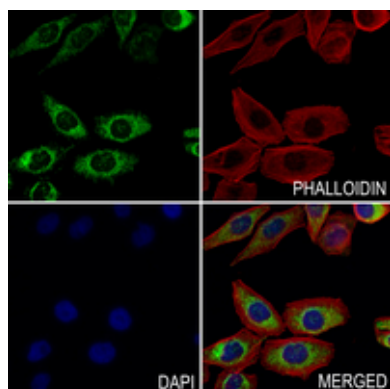
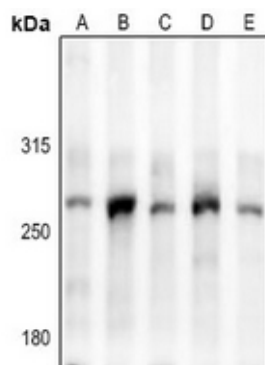
Gene ID	22989
Other Names	KIAA1000; Myosin-15; Myosin heavy chain 15
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Myosin 15. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MYH15
Synonyms	KIAA1000
Function	Muscle contraction.
Cellular Location	Cytoplasm, myofibril. Note=Thick filaments of the myofibrils

Images

Western blot analysis of Myosin 15 expression in AML12 (A), PC12 (B), H1792 (C), HEK293T (D), A549 (E) whole cell lysates. (Predicted band size: 224 kD; Observed band size: 260 kD)



Immunofluorescent analysis of Myosin 15 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.