

MYH9 Polyclonal Antibody

Catalog number: 11128-1-AP

Size: 29 µg/150 µl

Source: Rabbit

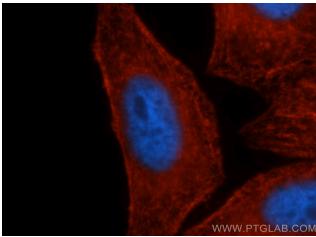
Isotype: IgG

Synonyms:

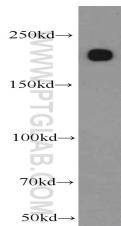
MYH9; MYH9, Myosin 9,

Myosin heavy chain 9, myosin

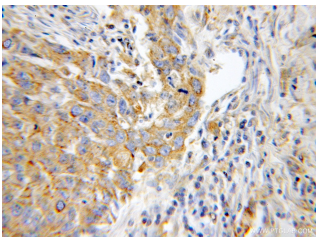
Ila, Nonmuscle myosin Ila



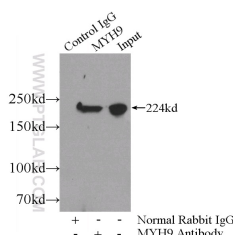
Immunofluorescent analysis of HepG2 cells, using MYH9 antibody 11128-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 11128-1-AP(MYH9 antibody) at dilution of 1:1000



Immunohistochemical of paraffin-embedded human lung cancer using 11128-1-AP(MYH9 antibody) at dilution of 1:100 (under 40x lens)



IP Result of anti-MYH9

Background

MYH9 (Myosin-9) appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. MYH9 is a hexameric protein that consists of two heavy chains (~200 kDa) and two pairs of non-identical light chains (15-22kDa), a pair of essential or alkali light chains, and a pair of regulatory light chains (PMID:12800156).

Applications

Tested applications:	ELISA, IHC, IF, WB, IP
Species specificity:	Human, Mouse, Rat, Zebrafish; other species not tested.
Calculated MYH9 MW:	227 kDa
Observed MYH9 MW:	224 kDa
Positive WB detected in	Mouse kidney tissue, human brain tissue, mouse brain tissue, mouse colon tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human lung cancer tissue, human kidney tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1612
GenBank accession number:	BC011915
Gene ID (NCBI):	4627
Full name:	Myosin, heavy chain 9, non-muscle

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:11128-1-AP, 5ug;
Detection:11128-1-AP 1:1000)
with mouse brain tissue lysate
4000ug.**