

Product datasheet for **TA378863**

MYO10 Rabbit Polyclonal Antibody

Product data:

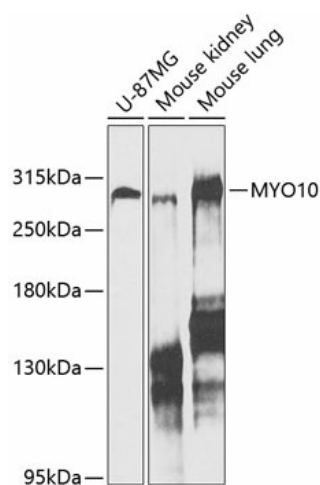
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 845-944 of human MYO10 (NP_036466.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	11kDa/163kDa/237kDa
Gene Name:	myosin X
Database Link:	Entrez Gene 4651 Human Q9HD67
Background:	This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.



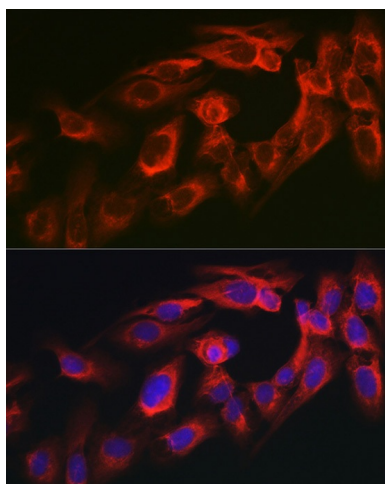
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Synonyms: FLJ10639; FLJ21066; FLJ22268; FLJ43256; KIAA0799; MGC131988

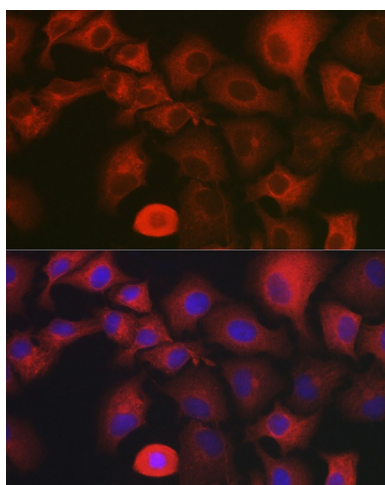
Product images:



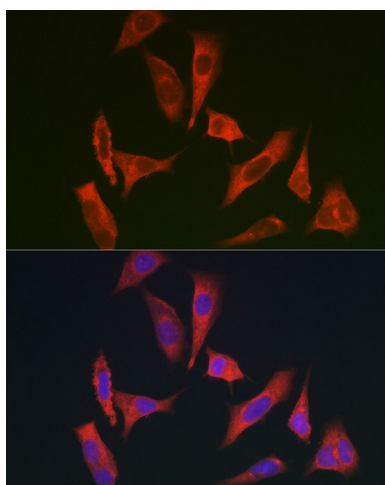
Western blot analysis of extracts of various cell lines, using MYO10 antibody (TA378863) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 20s.



Immunofluorescence analysis of U2OS cells using MYO10 antibody (TA378863) at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using MYO10 antibody (TA378863) at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using MYO10 antibody (TA378863) at dilution of 1:350. Blue: DAPI for nuclear staining.