

Product Data Sheet

Anti-MYO10 Antibody

Catalog #	Source	Reactivity	Applications
CPA5815	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to MYO10		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYO10. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MYO10 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	MYO10		
Alternative Names	KIAA0799; Unconventional myosin-X; Unconventional myosin-10		
Entrez Gene	4651 (Human); 17909 (Mouse); 310178 (Rat)		
SwissProt	Q9HD67 (Human); F8VQB6 (Mouse); D3ZJP6 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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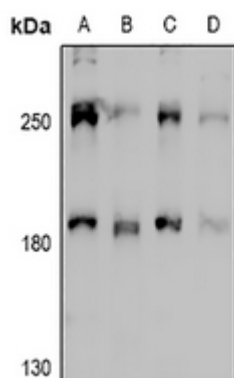
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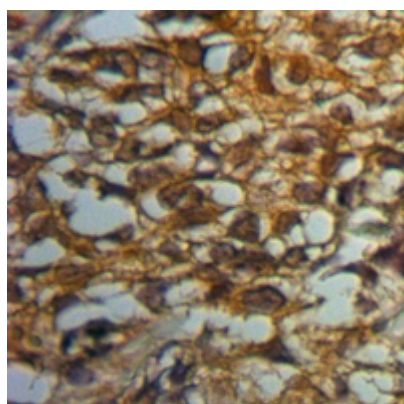
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Western blot analysis of MYO10 expression in Hela (A), A2780 (B), C6 (C), NIH3T3 (D) whole cell lysates. (Predicted band size: 237 kD; Observed band size: 250; 190 kD)



Immunohistochemical analysis of MYO10 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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