

Anti-MYO1C antibody (769-1028) (STJ29016)

STJ29016

GENERAL INFORMATION

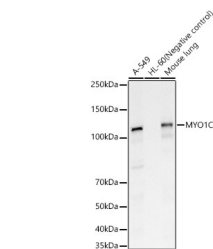
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

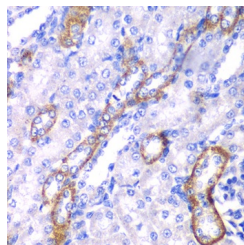
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

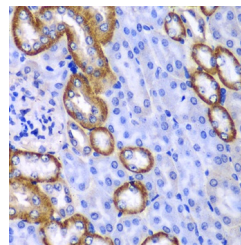
Gene ID	4641
Gene Symbol	MYO1C
Uniprot ID	MYO1C_HUMAN
Immunogen	
Region	769-1028
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 769-1028 of human MYO1C (NP_203693.3).
Immunogen Sequence	ENAFFLDHVRTSFLNLNRRQ LPQNVLDTSWTPPPALREA SELLRELCKNMVWKYCRSI SPEWKQQLQKKAVASEIFKG KKDNYPQSVPRLFISTRLGT DEISPRVLQALGSEPIQYAV PWKYDRKGYKPRSRQLLLT PNAVVVEDAKVKQRIDYAN LTGISVSSLSDSLFLVHVQR ADNKKQKGDVVLQSDHVIETL TKTALSANRVNSININQGSI TFAGGPGRDGTIDFTPGSE



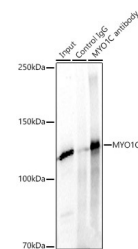
Western blot analysis of various lysates, using MYO1C rabbit polyclonal antibody (STJ29016) at 1:1500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000858) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat kidney using MYO1C antibody (STJ29016) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using MYO1C antibody (STJ29016) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunoprecipitation analysis of 300ug extracts of A549 cells using 3ug MYO1C rabbit polyclonal antibody (STJ29016 1:100). Western blot was performed from the immunoprecipitate using MYO1C rabbit polyclonal antibody (STJ29016) at a dilution of 1:1000.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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