

P4HA2 Monoclonal Antibody (CL0351)

Product Details	
Size	100 µl
Species Reactivity	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	CL0351
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human P4HA2
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2637214

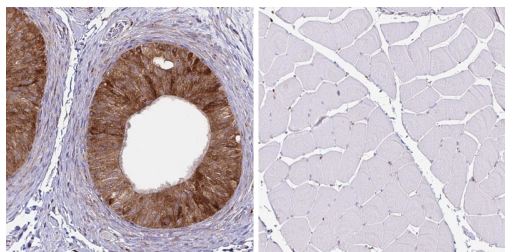
Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	✓	1:200-1:500	
Western Blot (WB)	✓	1 µg/mL	

Product Specific Information

Immunogen sequence: LKEYILVEEA KLSKIKSWAN KMEALTSKSA ADAEGYLAHP VNAYKLVKRL NTDWPALEDL VLQDSAAGFI ANLSVQRQFF PTDEDEIGAA KALMRLQDTY RLDPGTISRG ELPGTKYQAM LSVDDCFGM

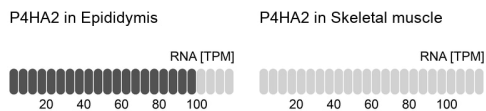
Highest antigen sequence identity to the following orthologs: Mouse - 90%, Rat - 91%.

Binds to an epitope located within the peptide sequence NTDWPALEDLVLQDS as determined by overlapping synthetic peptides.



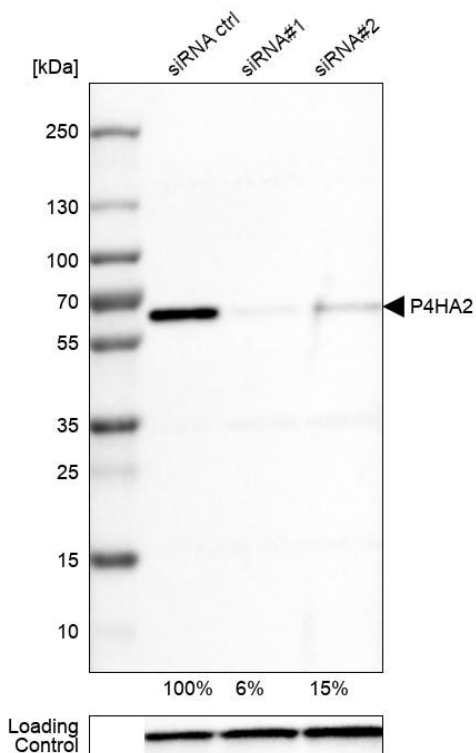
P4HA2 Antibody (MA5-24599)

Relative expression in different tissues in IHC: Detection of differential expression levels of P4HA2 demonstrates antibody specificity. Immunohistochemical analysis of P4HA2 using anti-P4HA2 Monoclonal Antibody (Product # MA5-24599), shows significant staining of P4HA2 in human epididymis and shows minimal or weak staining in human skeletal muscle tissues. The relative expression levels of P4HA2 within each tissue is shown using RNA-Seq. Relative expression validation info.



P4HA2 Antibody (MA5-24599)

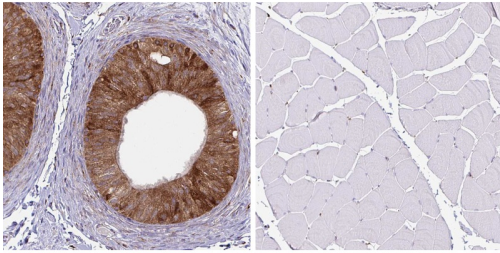
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-251MG cells were transfected with, control siRNA, P4HA2 siRNA probe #1, and P4HA2 siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-P4HA2 Monoclonal Antibody (CL0351) (Product # MA5-24599) used at a dilution of 1 µg/ml. Anti-GAPDH was used as a loading control. KnockDown validation info.



Product Images For P4HA2 Monoclonal Antibody (CL0351)

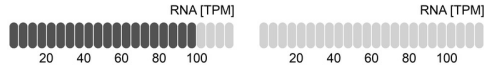
P4HA2 Antibody (MA5-24599) in IHC

Immunohistochemical staining of P4HA2 in human epididymis and skeletal muscle tissues using P4HA2 Monoclonal Antibody (CL0351) (Product # MA5-24599). Corresponding P4HA2 RNA-seq data are presented for the same tissues.



P4HA2 in Epididymis

P4HA2 in Skeletal muscle



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