

# SIX1 Polyclonal Antibody

Product Details	
Size	100 µl
Species Reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human SIX1
Form	Liquid
Concentration	0.4 mg/mL
Purification	Antigen affinity chromatography
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_2647319

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1-4 µg/mL	
Immunofluorescence (IF)	✓	1-4 µg/mL	
Immunohistochemistry (IHC)	✓	1:500-1:1000	
Western Blot (WB)	✓	0.4 µg/mL	

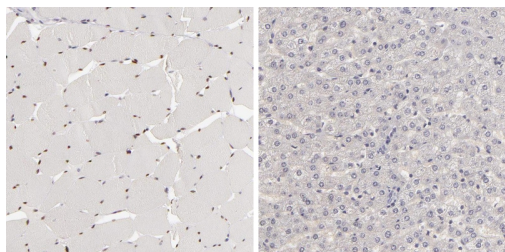
## Product Specific Information

Immunogen sequence: CFKEKSRGVL REWYAHNPYP SPREKRELAE ATGLTTTQVS NWFKNRRQRD RAAEAKEREN TENNNSSSNK QNQLSPLEGG KPLMSSSEEE FSPPQSPDQN SVLLLQGNMG HARSSNYSLP GLTASQPSHG LQTHQHQLQD S

Highest antigen sequence identity to the following orthologs: Mouse - 99%, Rat - 99%.

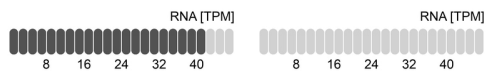
**SIX1 Antibody (PA5-51654)**

Relative expression in different tissues in IHC: Detection of differential expression levels of SIX1 demonstrates antibody specificity. Immunohistochemical analysis of SIX1 using anti-SIX1 Polyclonal Antibody (Product # PA5-51654), shows significant staining of SIX1 in human skeletal muscle and shows minimal or weak staining in human liver tissues. The relative expression levels of SIX1 within each tissue is shown using RNA-Seq. Relative expression validation info.



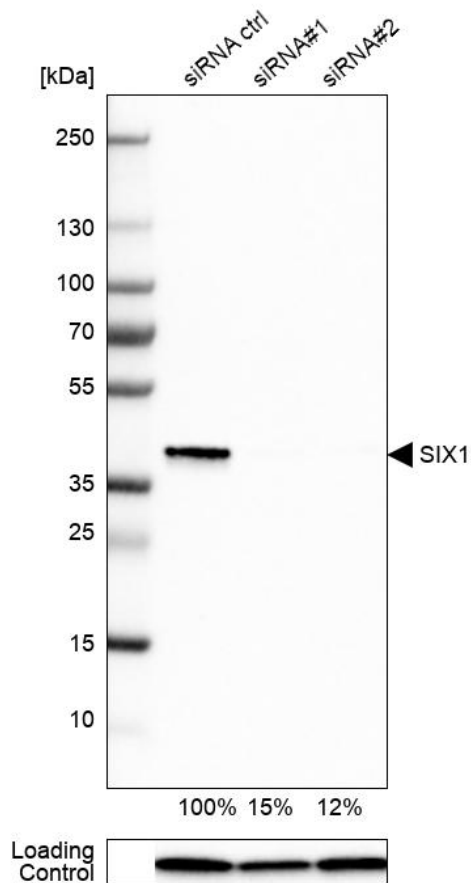
SIX1 in Skeletal muscle

SIX1 in Liver

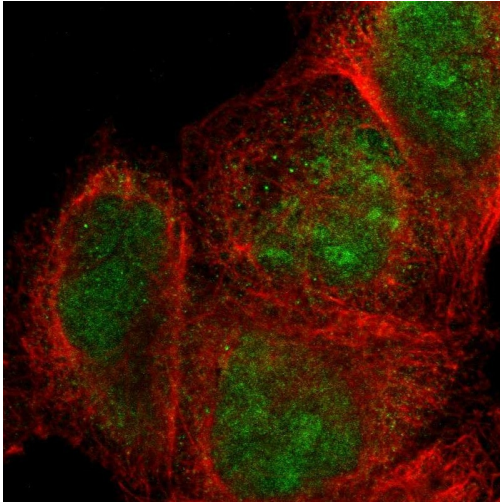


**SIX1 Antibody (PA5-51654)**

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Rh30 cells were transfected with, control siRNA, SIX1 siRNA probe #1, and SIX1 siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-SIX1 Polyclonal Antibody (Product # PA5-51654) used at a dilution of 0.4 µg/ml. Anti-PPIB was used as a loading control. KnockDown validation info.



## Product Images For SIX1 Polyclonal Antibody



### SIX1 Antibody (PA5-51654) in IF

Immunofluorescent staining of SIX1 in human cell line A-431 using a SIX1 Polyclonal Antibody (Product # PA5-51654) shows localization to nucleus and nucleoli.

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