

For Research Use Only

SIX1 Monoclonal antibody

Catalog Number: 67741-1-Ig



Basic Information

Catalog Number: 67741-1-Ig	GenBank Accession Number: BC008874	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6495	CloneNo.: 2D7D1
Source: Mouse	Full Name: SIX homeobox 1	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Calculated MW: 32 kDa	
Immunogen Catalog Number: AG28570	Observed MW: 30-35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LO2 cells, HeLa cells, rat skeletal muscle tissue
Species Specificity: Human, mouse, pig, rabbit, rat	

Background Information

SIX1 belongs to SIX family that contains a divergent DNA-binding homeodomain and an upstream SIX domain, which may participate both in determining DNA-binding specificity and in mediating protein-protein interactions. It may be involved in limb tendon and ligament development, and specifically expressed in skeletal muscle. SIX1 plays an essential role in the development of numerous organs and shows little to no expression in most non-neoplastic adult tissue, yet is overexpressed in a number of neoplasms where it increases cell proliferation and survival. The calculated molecular weight of SIX1 is 32 kDa, but modified SIX1 is about 35 kDa.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

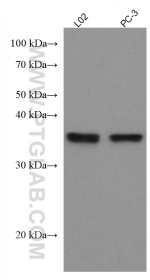
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

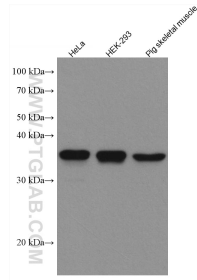
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67741-1-Ig (SIX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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