

For Research Use Only

SOX5 Polyclonal antibody

Catalog Number: 13216-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

13216-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4092

GenBank Accession Number:

BC029220

GeneID (NCBI):

6660

UNIPROT ID:

P35711

Full Name:

SRY (sex determining region Y)-box 5

Calculated MW:

763 aa, 84 kDa

Observed MW:

68-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB : A549 cells, SH-SY5Y cells, U-87 MG cells, mouse liver tissue

Background Information

Sex determining region Y-box protein 5 (SOX5) is a member of the SOX family, which was identified based on the conserved homology of the high-mobility group DNA-binding motif. It has been reported that SOX5 is involved in the regulation of embryonic development, and is associated with various cancer types, including prostate cancer, glioblastoma, hepatocellular carcinoma, osteosarcoma and nasopharyngeal carcinoma. SOX5 has 5 isoforms with the molecular mass of 42, 71 and 82-84 kDa. (PMID: 30854049)

Notable Publications

Author	Pubmed ID	Journal	Application
Yuki Miyamoto	27876794	Nat Commun	WB
Min Feng	32461589	Lab Invest	WB
Yafeng Liu	32468049	Mol Med Rep	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

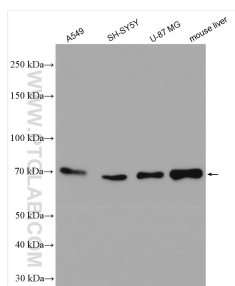
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13216-1-AP (SOX5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.