

For Research Use Only

SOX15 Polyclonal antibody

Catalog Number: 25415-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

25415-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22032

GenBank Accession Number:

BC000985

GeneID (NCBI):

6665

UNIPROT ID:

O60248

Full Name:

SRY (sex determining region Y)-box 15

Calculated MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

IF-P: 1:50-1:500

Applications

Tested Applications:

IHC, IF-P, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse embryo tissue,

IF-P : mouse embryo tissue,

Background Information

SOX15, also named as SOX12, SOX20, is a 223 amino acid protein, which contains one HMG box DNA-binding domain. SOX15 is widely expressed in fetal and adult tissues and highest level is found in fetal spinal cord and adult brain and testis. SOX15 is a candidate tumor suppressor in pancreatic cancer with a potential role in Wnt/ β -catenin signaling. Sox15 is required for skeletal muscle regeneration and is up regulated in the embryonic mouse testis.

Notable Publications

Author	Pubmed ID	Journal	Application
Farina Aziz	40177290	MicroPubl Biol	IF
Jinpeng Hu	39098847	Oncogene	WB
Eun-Bee Choi	36764520	J Biol Chem	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

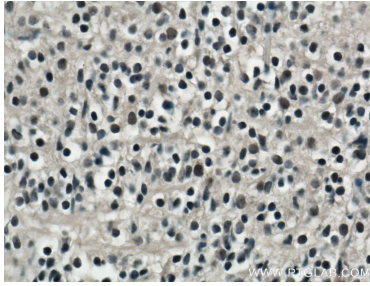
For technical support and original validation data for this product please contact:

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

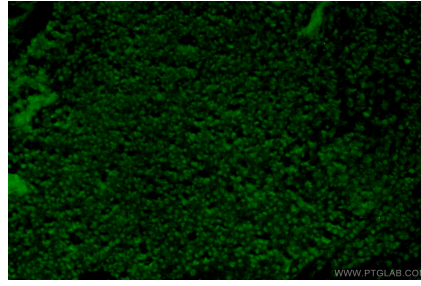
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 25415-1-AP (SOX15 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse embryo tissue using 25415-1-AP (SOX15 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).