

For Research Use Only

# SOX15 Polyclonal antibody

Catalog Number: 25415-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

25415-1-AP

Size:

800 µg/ml

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:

IF-P, IHC, ELISA

Cited Applications:

WB

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/  $\beta$  -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
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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

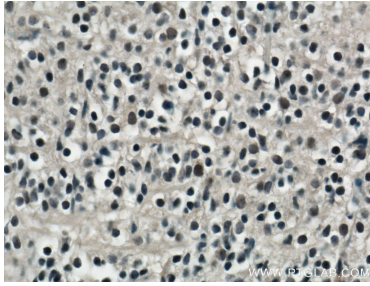
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

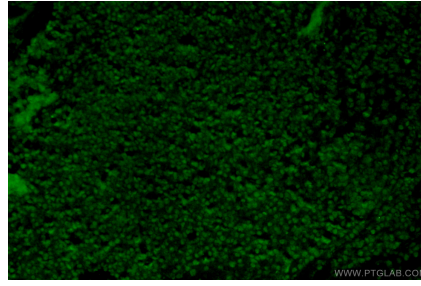
W: [ptgcn.com](http://ptgcn.com)

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 AffiniPure Goat Anti-Rabbit IgG(H+L).