

For Research Use Only

# SOX15 Polyclonal antibody

Catalog Number: 25415-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 25415-1-AP	<b>GenBank Accession Number:</b> BC000985	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6665	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> SRY (sex determining region Y)-box 15	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 25 kDa	
<b>Immunogen Catalog Number:</b> AG22032		

## Applications

<b>Tested Applications:</b> IF, IHC, ELISA	<b>Positive Controls:</b> IHC : mouse embryo tissue, IF : mouse embryo tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	

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

## 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
Eun-Bee Choi	36764520	J Biol Chem	WB

## Storage

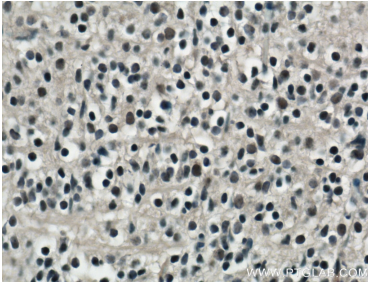
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1%BSA**

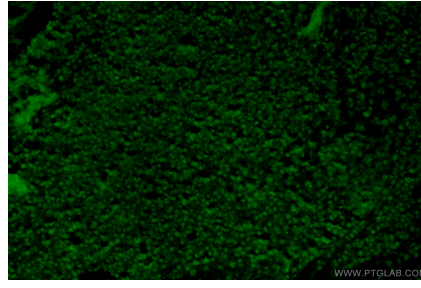
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



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).