

For Research Use Only

SOX15 Polyclonal antibody

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



Basic Information

Catalog Number: 25415-1-AP	GenBank Accession Number: BC000985	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 6665	Recommended Dilutions: IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: O60248	
Isotype: IgG	Full Name: SRY (sex determining region Y)-box 15	
Immunogen Catalog Number: AG22032	Calculated MW: 25 kDa	

Applications

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

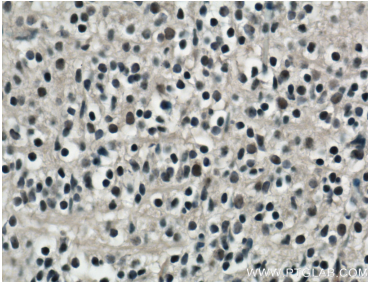
T: 4006900926

E: Proteintech-CN@ptglab.com

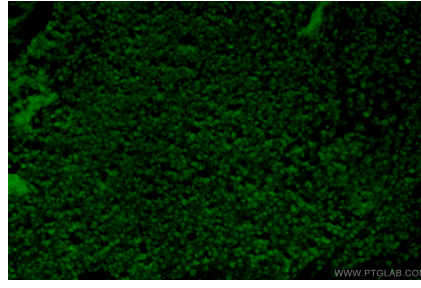
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Selected Validation Data



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).