

For Research Use Only

SON Polyclonal antibody

Catalog Number: 28046-1-AP



Basic Information

Catalog Number: 28046-1-AP	GenBank Accession Number: NM_001291411	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 6651	Recommended Dilutions: IHC 1:4000-1:16000
Source: Rabbit	UNIPROT ID: P18583	
Isotype: IgG	Full Name: SON DNA binding protein	
Immunogen Catalog Number: AG27620	Calculated MW: 264 aa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human thyroid cancer tissue, mouse colon tissue
Species Specificity: 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	

Background Information

SON, also called C21orf50 and DBP5, is a nuclear speckle-localized protein that shares homology with pre-mRNA splicing accessory factors (PMID: 10950926). It is an RNA-binding protein that acts as an mRNA splicing cofactor by promoting efficient splicing of transcripts that possess weak splice sites, and specifically promotes splicing of many cell-cycle and DNA-repair transcripts that possess weak splice sites, such as TUBG1, KATNB1, TUBGCP2, AURKB, PCNT, AKT1, RAD23A, and FANCG (PMID: 20581448; 21504830).

Storage

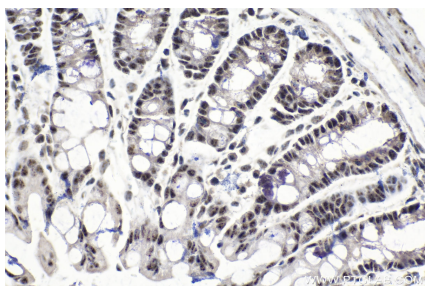
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

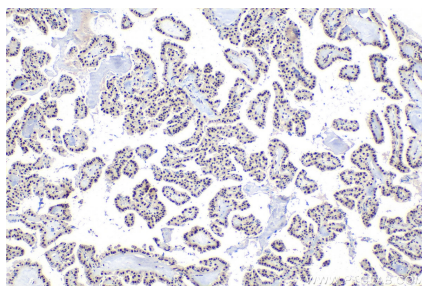
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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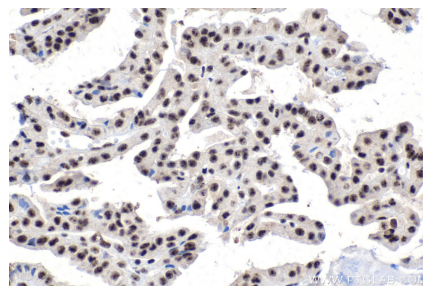
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 28046-1-AP (SON antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 28046-1-AP (SON antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 28046-1-AP (SON antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).