

SNRPD3 Polyclonal antibody

Catalog Number: 10379-1-AP

2 Publications

Basic Information

Catalog Number: 10379-1-AP	GenBank Accession Number: BC000457	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6634	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: small nuclear ribonucleoprotein D3 polypeptide 18kDa	
Isotype: IgG	Calculated MW: 18 kDa	
Immunogen Catalog Number: AG0293	Observed MW: 14 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : MCF7 cells, MCF-7 cells
Cited Applications: IHC, WB	IHC : human small intestine tissue, human breast cancer tissue, human lung cancer tissue
Species Specificity: human	
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

Small nuclear ribonucleoprotein D3 polypeptide 18kDa (SNRPD3, synonym: SMD) belongs to the small nuclear ribonucleoprotein core protein family, with molecular weights of the D members: D1, 16 kDa; D2, 16.5 kDa and D3 18 kDa. SNRPD3 is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis.

Notable Publications

Author	Pubmed ID	Journal	Application
Baiwen Chen	34735883	Biochem Biophys Res Commun	WB
Cunha Isabela Werneck IW	20165692	Transl Oncol	IHC

Storage

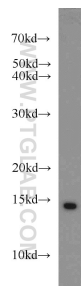
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

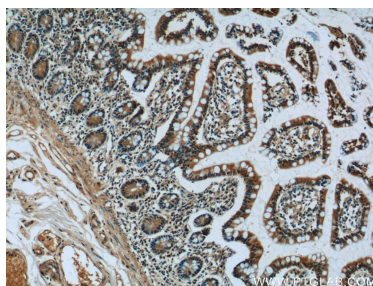
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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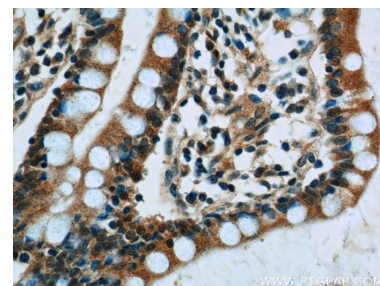
Selected Validation Data



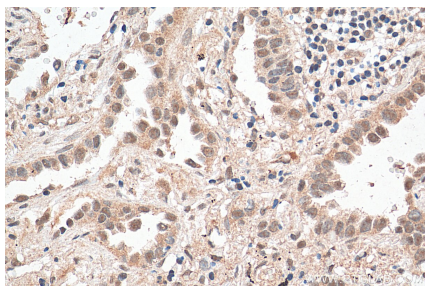
MCF7 cells were subjected to SDS PAGE followed by western blot with 10379-1-AP (SNRPD3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10379-1-AP (SNRPD3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10379-1-AP (SNRPD3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10379-1-AP (SNRPD3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).