

For Research Use Only

INO80 Polyclonal antibody

Catalog Number: 18810-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number: 18810-1-AP	GenBank Accession Number: BC146785	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54617	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: INO80 homolog (<i>S. cerevisiae</i>)	
Isotype: IgG	Calculated MW: 1556 aa, 177 kDa	
	Observed MW: 178 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: ChIP, IF, IP, WB	WB : HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells
Species Specificity: human, mouse, rat	IHC : human colon cancer tissue,
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	

Background Information

INO80, also named as INOC1 and KIAA1259, belongs to the SNF2/RAD54 helicase family. The INO80 complex remodels chromatin by shifting nucleosomes. INO80 recruited by YY1 to YY1-activated INO80. In vitro, INO80 has double stranded DNA-dependent ATPase activity

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Wang	36171202	Nat Commun	WB,ChIP
Christian Schutt	32960481	EMBO J	IP
S Zhang	27641337	Oncogene	chip

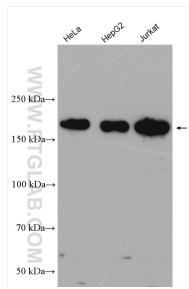
Storage

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

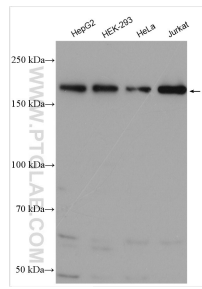
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

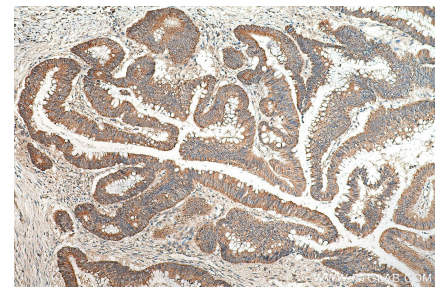
Selected Validation Data



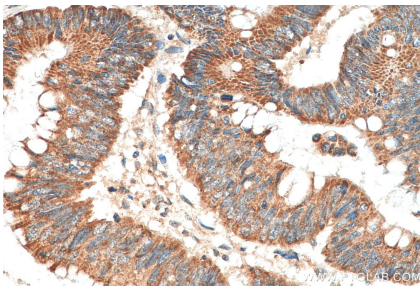
Various lysates were subjected to SDS PAGE followed by western blot with 18810-1-AP (INO80 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



HepG2 cells were subjected to SDS PAGE followed by western blot with 18810-1-AP (INO80 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 18810-1-AP (INO80 antibody) at dilution of 1:150 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 18810-1-AP (INO80 antibody) at dilution of 1:150 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).