

For Research Use Only

# INO80 Polyclonal antibody

Catalog Number: 24819-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

24819-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20309

### GenBank Accession Number:

BC146785

### GeneID (NCBI):

54617

### UNIPROT ID:

Q9ULG1

### Full Name:

INO80 homolog (S. cerevisiae)

### Calculated MW:

1556 aa, 177 kDa

### Observed MW:

177 kDa, 150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, ChIP

### 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**

### Positive Controls:

WB : HeLa cells, HepG2 cells

IP : HeLa cells,

IHC : human colon cancer tissue,

## Background Information

DNA helicase INO80, also named as INO80 or hINO80, is a 1,556 amino acid protein, which contains one helicase C-terminal domain, one helicase ATP-binding domain, and one DBINO domain. INO80 co-localizes with PCMA at replication forks during S-phase in the nucleus and belongs to the SNF2 helicase family. INO80 is a component of the chromatin remodeling INO80 complex and is widely expressed in many tissues, such as brain, liver and pancreas. INO80 is involved in transcription regulation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sven Kracker	25312759	J Allergy Clin Immunol	WB
Bingying Zhou	27340176	Genes Dev	
Eleonora Napoli	30054502	Sci Rep	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

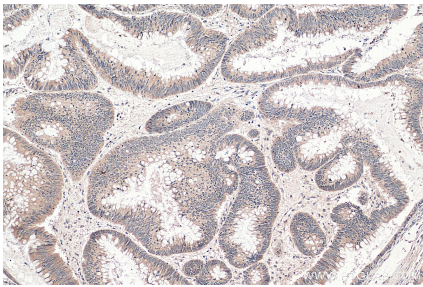
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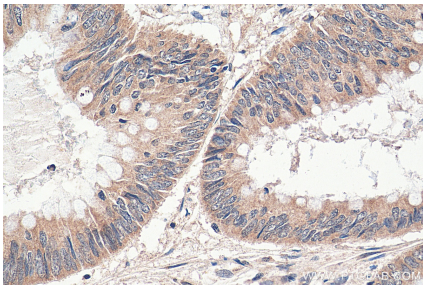
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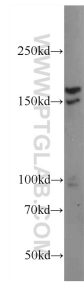
Selected Validation Data



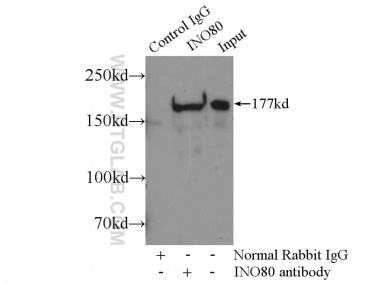
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24819-1-AP (INO80 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24819-1-AP (INO80 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HeLa cells were subjected to SDS PAGE followed by western blot with 24819-1-AP (INO80 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-INO80 (IP:24819-1-AP, 4ug; Detection:24819-1-AP 1:500) with HeLa cells lysate 2000ug.