For Research Use Only

INO80 Polyclonal antibody

Catalog Number:24819-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

24819-1-AP

BC 146785

Size:

GeneID (NCBI):

300 µg/ml

54617

Source:

Rabbit

Q9ULG1

Isotype:

GenBank Accession Number:

BC 146785

UNIPROT ID:

Q9ULG1

Full Name:

Isotype: Full Name:
IgG INO 80 homolog (S. cerevisiae)

Immunogen Catalog Number:Calculated MW:AG203091556 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: IHC, IP, WB, 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 namd 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 remolding 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.

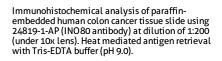
Storage Buffer

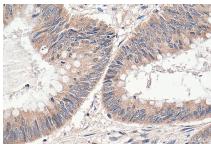
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

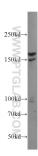
Selected Validation Data



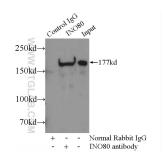




Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 24819-1-AP (INO80 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 15 hours



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