

For Research Use Only

INTS9 Polyclonal antibody

Catalog Number: 11657-1-AP

6 Publications



Basic Information

Catalog Number:

11657-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2226

GenBank Accession Number:

BC025267

GeneID (NCBI):

55756

UNIPROT ID:

Q9NV88

Full Name:

integrator complex subunit 9

Calculated MW:

658 aa, 74 kDa

Observed MW:

74 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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, IHC, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells

IP : HeLa cells,

IHC : human stomach tissue,

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

INTS9, also known as Integrator Complex Subunit 9, is part of the core cleavage module consisting of INTS4/INTS9/INTS11 involved in processing small nuclear RNA (snRNA) molecules. It is a subunit of the Integrator complex, which comprises 15 subunits (including INTS6L), and plays a crucial role in the 3' end processing of snRNAs. By participating in the biogenesis of snRNAs, INTS9 contributes to the proper functioning of the spliceosome, a cellular machinery responsible for the accurate splicing of precursor messenger RNA (pre-mRNA) molecules. This process is essential for generating mature messenger RNA (mRNA), which is subsequently translated into functional proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Kevin Sabath	32647223	Nat Commun	WB
David Baillat	27546450	Protein Expr Purif	WB
Kevin Sabath	39032489	Mol Cell	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

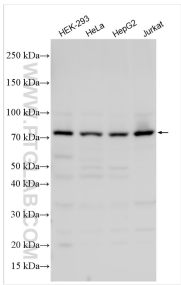
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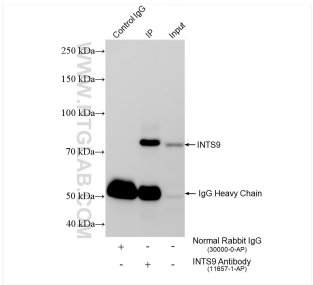
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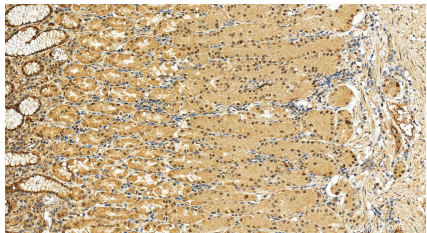
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11657-1-AP (INTS9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-INTS9 (IP:11657-1-AP, 4ug; Detection:11657-1-AP 1:1000) with HeLa cells lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11657-1-AP (INTS9 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).