

For Research Use Only

HJURP Polyclonal antibody

Catalog Number: 15283-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

15283-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7402

GenBank Accession Number:

BC001940

GeneID (NCBI):

55355

UNIPROT ID:

Q8NCD3

Full Name:

Holliday junction recognition protein

Calculated MW:

86 kDa

Observed MW:

84 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

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 : HT-29 cells, A549 cells, HeLa cells, MCF-7 cells

IHC : human brain tissue,

Background Information

Holliday Junction Recognition Protein (HJURP, also known as hFLEG1) is a centromeric protein with a pivotal role in the incorporation and maintenance of histone H3-like variant Centromere Protein-A (CENP-A) in centromeres. It is a specific chaperone for CENP-A and it integrates newly synthesized CENP-A molecules and nucleosomes at replicated centromeres. (PMID: 28819432, PMID: 31492860)

Notable Publications

Author	Pubmed ID	Journal	Application
Weihao Lin	34869385	Front Cell Dev Biol	IHC
Fangqiu Fu	32181877	Int J Cancer	IHC
Ye Li	34119827	Biochem Biophys Res Commun	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

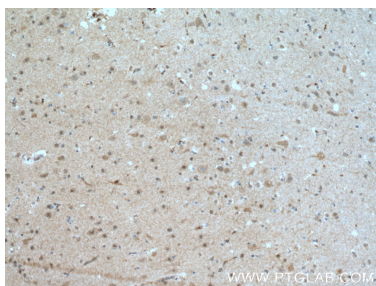
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

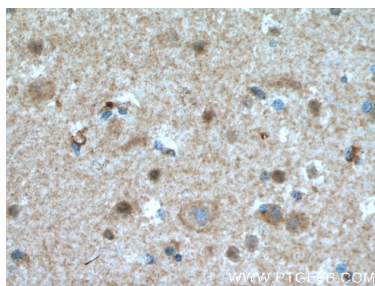
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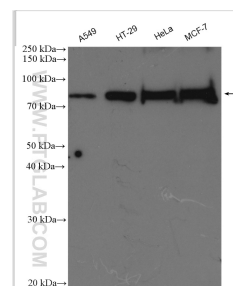
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 15283-1-AP (HJURP 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 brain tissue slide using 15283-1-AP (HJURP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 15283-1-AP (HJURP antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.