

For Research Use Only

HJURP Polyclonal antibody

Catalog Number: 15283-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 15283-1-AP	GenBank Accession Number: BC001940	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 55355	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	Full Name: Holliday junction recognition protein	
Isotype: IgG	Calculated MW: 86 kDa	
Immunogen Catalog Number: AG7402	Observed MW: 84 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : HT-29 cells, A549 cells, HeLa cells, MCF-7 cells
Species Specificity: human	IHC : human brain tissue,
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

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

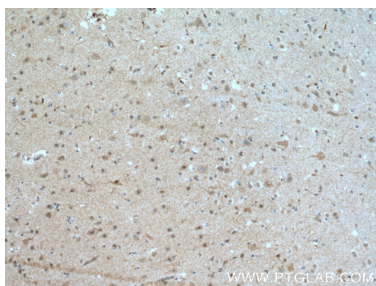
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

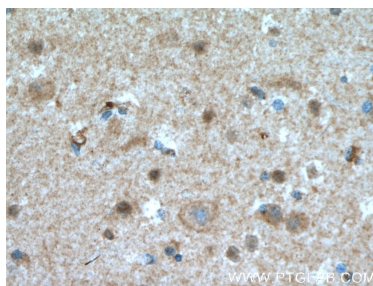
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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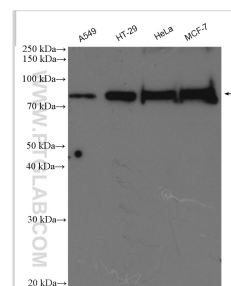
Selected Validation Data



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.