

For Research Use Only

BRUNOL5 Polyclonal antibody

Catalog Number: 13557-1-AP



Basic Information

Catalog Number: 13557-1-AP	GenBank Accession Number: BC028101	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 60680	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: bruno-like 5, RNA binding protein (Drosophila)	
Isotype: IgG	Calculated MW: 485 aa, 52 kDa	
Immunogen Catalog Number: AG4416	Observed MW: 52 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, U-251 cells IHC : human gliomas tissue,
Species Specificity: 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

BRUNOL5, also named CELF5, is a 485 amino acid protein, which belongs to the CELF/BRUNOL family. BRUNOL5 is expressed in the brain and localizes in the nucleus. BRUNOL5 is an RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing and mediates exon inclusion and/or exclusion in pre-mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. BRUNOL5 specifically activates exon 5 inclusion of cardiac isoforms of TNNT2 during heart remodeling at the juvenile to adult transition. BRUNOL5 exists in two isoforms with MV 52 and 45 kDa.

Storage

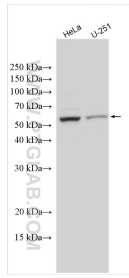
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

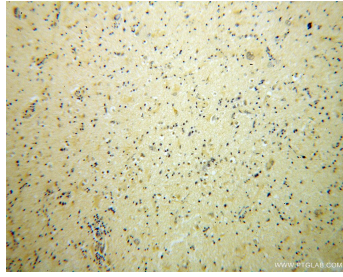
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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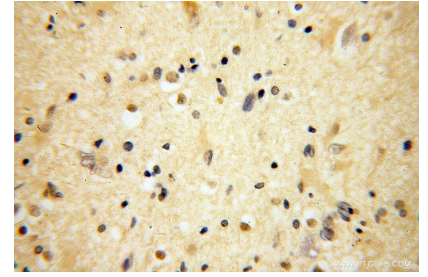
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13557-1-AP (BRUNOL5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 13557-1-AP (BRUNOL5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas using 13557-1-AP (BRUNOL5 antibody) at dilution of 1:50 (under 40x lens).