

For Research Use Only

SNRPE Polyclonal antibody

Catalog Number: 20407-1-AP

3 Publications



Basic Information

Catalog Number:

20407-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 120 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14227

GenBank Accession Number:

BC002639

GeneID (NCBI):

6635

UNIPROT ID:

P62304

Full Name:

small nuclear ribonucleoprotein polypeptide E

Calculated MW:

92 aa, 11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

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: mouse placenta tissue, human placenta tissue, human brain tissue

IHC: mouse brain tissue, human hepatocirrhosis tissue

Background Information

The snRNP E (SNRPE) protein is one of several proteins associated with the U family of small nuclear RNAs that are involved in RNA processing. It functions in the U7 snRNP complex that is involved in histone 3'-end processing and also associated with snRNP U1, U2, U4/U6 and U5. This antibody raises against the full length of human SNRPE, and can recognize two bands of SNRPE, include a 9 kDa band(isoform) and a 11kDa band(SNRPE) (PMID:23246290)

Notable Publications

Author	Pubmed ID	Journal	Application
Elena Martínez-Terroba	29756233	J Pathol	WB, IHC
Sandra M Pasternack	23246290	Am J Hum Genet	IF
Zhibing Liu	39726597	Front Immunol	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

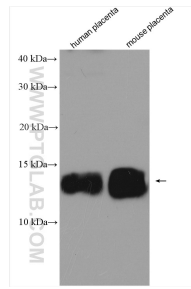
For technical support and original validation data for this product please contact:

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

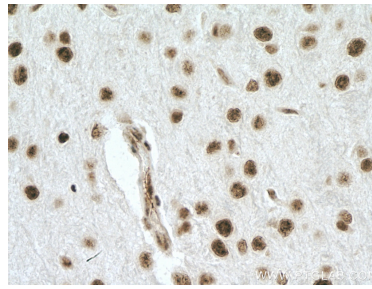
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20407-1-AP (SNRPE antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20407-1-AP (SNRPE antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).