

For Research Use Only

GTF2A2 Polyclonal antibody

Catalog Number: 10540-1-AP



Basic Information

Catalog Number:

10540-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0825

GenBank Accession Number:

BC001919

GeneID (NCBI):

2958

UNIPROT ID:

P52657

Full Name:

general transcription factor IIA, 2, 12kDa

Calculated MW:

12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

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 testis tissue, HeLa cells

IHC: mouse liver tissue, mouse heart tissue, rat liver tissue

Background Information

Transcription mediated by RNA polymerase II depends on a set of different transcription factors to form the pre-initiation complex. TFIIA is involved in the construction of this complex and increases the affinity of TBP for the DNA union region [PMID:20480367]. TFIIA in a complex with TBP mediates transcriptional activity [PMID:11030333]. GTF2A2 is one subunit of TFIIA.

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

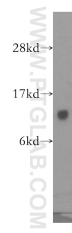
For technical support and original validation data for this product please contact:

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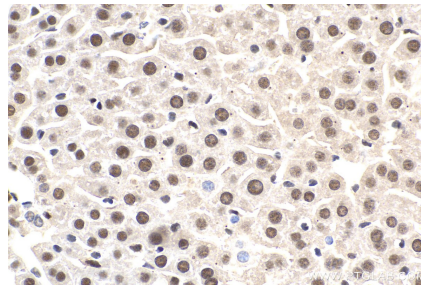
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 10540-1-AP (GTF2A2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 10540-1-AP (GTF2A2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).