

For Research Use Only

GTF2H2 Polyclonal antibody

Catalog Number: 16005-1-AP **2 Publications**



Basic Information

Catalog Number:

16005-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8653

GenBank Accession Number:

BC005345

GeneID (NCBI):

2966

UNIPROT ID:

Q13888

Full Name:

general transcription factor IIH,
polypeptide 2, 44kDa

Calculated MW:

395aa, 44 kDa; 165aa, 19 kDa

Observed MW:

44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : K-562 cells, HepG2 cells

Background Information

Transcription factor IIH (TFIIH) is associated with the RNA polymerase II transcription complex, which is involved in transcription and transcription-mediated DNA repair. GTF2H2 (GENERAL TRANSCRIPTION FACTOR IIH, POLYPEPTIDE 2) is one of the six subunits forming the core-TFIIH basal transcriptional factor. TFIIH plays a role in nucleotide excision repair (NER) of DNA and, when complexed with CAK, in RNA transcription by RNA polymerase II. The N terminus of GTF2H2 interacts with and regulates XPD, and an intact C terminus is required for a successful escape of RNAPol II from the promoter. This is a rabbit polyclonal antibody produced by part of N-terminal GTF2H2 of human origin.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhenkun Li	36116407	Tissue Cell	WB
Ashleigh E Schaffer	24766810	Cell	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

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

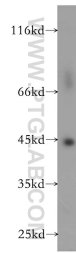
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 16005-1-AP (GTF2H2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.