

For Research Use Only

GTF2H2 Polyclonal antibody

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



Basic Information

Catalog Number: 16005-1-AP	GenBank Accession Number: BC005345	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2966	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: general transcription factor IIH, polypeptide 2, 44kDa	
Isotype: IgG	Calculated MW: 395aa,44 kDa; 165aa,19 kDa	
Immunogen Catalog Number: AG8653	Observed MW: 44 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : K-562 cells, HepG2 cells
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human	

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 to 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 RNA Pol 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

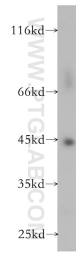
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

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