For Research Use Only

GTF2H2 Polyclonal antibody Catalog Number: 16005-1-AP 2 Publications

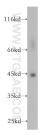


| Basic Information | Catalog Number: 16005-1-AP | GenBank Accession BC005345 | Number: | Purification Method: Antigen affinity purification | | |
|---|---|--|----------------------|---|------------------------|--|
| | Size: 150ul, Concentration: 400 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG8653 | GenelD (NCBI): | | Recommended Dilutions: | | |
| | | 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 | |
| | | Applications | Tested Applications: | Positive Controls: | | |
| | | | WB, ELISA | 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 subnuits 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 RNAPol II from the promoter. This is a rabbit polyclonal antibody producted by part of N-terminal GTF2H2 of human origin. | | | | | |
| | | | | | | |
| Notable Publications | Author Put | omed ID Jou | ırnal | Application | | |
| Notable Publications | | | irnal sue Cell | Application WB | | |
| Notable Publications | Zhenkun Li 36: | | sue Cell | | | |
| | Zhenkun Li36:Ashleigh E Schaffer24;Storage:Store at -20°C. Stable for one year aftStorage Buffer:PBS with 0.02% sodium azide and 50 | 116407 Tis 766810 Cel er shipment. % glycerol pH 7.3. | sue Cell | WB | | |
| Notable Publications Storage *** 20ul sizes contain 0.1% BSA | Zhenkun Li 36: Ashleigh E Schaffer 24; Storage: Storage: Storage Buffer: Storage Buffer: | 116407 Tis 766810 Cel er shipment. % glycerol pH 7.3. | sue Cell | WB | | |

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

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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.