For Research Use Only

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

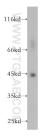


Basic Information	Catalog Number: 16005-1-AP	GenBank Accession BC005345	Number:	Purification Method: Antigen affinity purification		
	Size: 150ul, Concentration: 400 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG8653	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.