

## GTF2H1 Polyclonal Antibody

Catalog number: 10173-1-AP

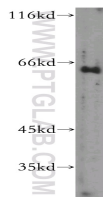
Size: 75 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

GTF2H1; BTF2; TFB1; TFIIH



human brain tissue were subjected to SDS PAGE followed by western blot with 10173-1-AP(GTF2H1 Antibody) at dilution of 1:200

### Background

TFIIH is a multiprotein complex that has a central role in the RNA pol II mediated transcription, in DNA repair and in the control of the cell cycle. TFIIH consists of nine subunits: cyclin-dependent kinase 7 (Cdk7), cyclin H and MAT1 (forming the Cdk-activating-kinase or CAK complex), the two helicases Xpb/Hay and Xpd, and p34, p44, p52 and p62. As the kinase subunit of TFIIH, Cdk7 participates in basal transcription by phosphorylating the carboxy-terminal domain of the largest subunit of RNA polymerase II. Mutations in some components of TFIIH are associated with three hereditary human syndromes: xeroderma pigmentosum (XP), Cockayne syndrome (CS) and trichothiodystrophy (TTD). The p62 protein (TFIIH1) is a structural component of the TFIIH core and no syndromes have been identified up to date by mutations in this human gene.

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human, mouse; other species not tested.
Positive WB detected in:	Human brain tissue
Calculated GTF2H1 MW:	62kd
Observed GTF2H1 MW:	62kd
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

### Immunogen information

Immunogen:	Ag0229
GenBank accession number:	BC004452
Gene ID (NCBI):	2965
Full name:	General transcription factor IIH, polypeptide 1, 62kDa

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.