



Mouse anti-Human GTF2H1 polyclonal antibody (DPAB-DC1499)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	GTF2H1 (general transcription factor IIH, polypeptide 1, 62kDa) is a protein-coding gene. Diseases associated with GTF2H1 include rift valley fever, and xeroderma pigmentosum, group c, and among its related super-pathways are Global Genomic NER (GG-NER) and Formation of HIV-1 elongation complex containing HIV-1 Tat. GO annotations related to this gene include RNA polymerase II carboxy-terminal domain kinase activity and protein kinase activity.
Immunogen	GTF2H1 (NP_005307, 449 a.a. ~ 548 a.a) partial recombinant protein with GST tag. The sequence is INQMVPNDIQSELKHLVAVGELLRHFWSFCFVNTPFLEEKVVKMKSNLERFQVTKLCPF QEKIRRQYLSTNLVSHIEEMLQTAYNKLHTWQSRLMKKT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GTF2H1 general transcription factor IIH, polypeptide 1, 62kDa [Homo sapiens (human)]
Official Symbol	GTF2H1
Synonyms	GTF2H1; general transcription factor IIH, polypeptide 1, 62kDa; P62; BTF2; TFB1; TFIIH; general transcription factor IIH subunit 1; BTF2 p62; basic transcription factor 2 62 kDa subunit; general transcription factor IIH polypeptide 1; TFIIH basal transcription factor complex p62 subunit;
Entrez Gene ID	2965
Protein Refseq	NP_001135779
UniProt ID	P32780
Chromosome Location	11p15.1-p14
Pathway	Basal transcription factors; DNA Repair; Dual incision reaction in GG-NER; Epigenetic regulation of gene expression
Function	contributes_to DNA-dependent ATPase activity; contributes_to RNA polymerase II carboxy-terminal domain kinase activity; protein binding; contributes_to protein kinase activity