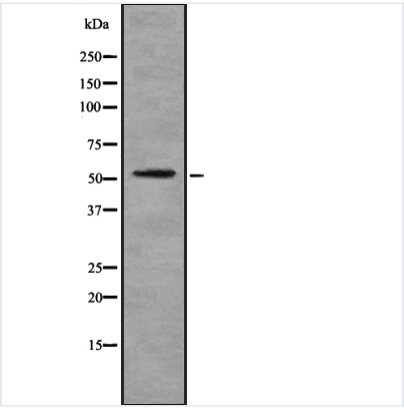
GTF2H4 Antibody

PRODUCT OVERVIEW

Product Name	GTF2H4, Antibody
Full Product Name	GTF2H4 Antibody
Product Gene Name	anti-GTF2H4 antibody
Molecular Weight	24,630 Da
OMIM	601760
3D Structure	ModBase 3D Structure for Q92759
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-GTF2H4 antibody	MBS8517868 is an antibody targeting GTF2H4. Also known as GTF2H4 Antibody.
Other Notes	Small volumes of anti-GTF2H4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GTF2H4 antibody
Western blot analysis GTF2H4 using 293 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GTF2H4. It may not necessarily be applicable to this product.

NCBI GI #	4504201
NCBI GeneID	2968
NCBI Accession #	NP_001508.1
UniProt Primary Accession #	Q92759
UniProt Secondary Accession #	Q76KU4; B4DTJ5
UniProt Related Accession #	Q92759
GenBank Nucleotide #	NM_001517.4
NCBI Official Full Name	general transcription factor IIH subunit 4

NCBI Official Synonym Full Names	general transcription factor IIH subunit 4
NCBI Official Symbol	GTF2H4
NCBI Official Synonym Symbols	P52; TFB2; TFIIH
UniProt Protein Name	General transcription factor IIH subunit 4
UniProt Synonym Protein Names	Basic transcription factor 2 52 kDa subunit; BTF2 p52; General transcription factor IIH polypeptide 4; TFIIH basal transcription factor complex p52 subunit
Protein Family	General transcription factor
UniProt Gene Name	GTF2H4
UniProt Synonym Gene Names	BTF2 p52
NCBI Protein Information	general transcription factor IIH subunit 4
UniProt Comments for GTF2H4	Component of the general transcription and DNA repair factor IIH (TFIIH) core complex, which is involved in general and transcription-coupled nucleotide excision repair (NER) of damaged DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. In NER, TFIIH acts by opening DNA around the lesion to allow the excision of the damaged oligonucleotide and its replacement by a new DNA fragment. In transcription, TFIIH has an essential role in transcription initiation. When the pre-initiation complex (PIC) has been established, TFIIH is required for promoter opening and promoter escape. Phosphorylation of the C-terminal tail (CTD) of the largest subunit of RNA polymerase II by the kinase module CAK controls the initiation of transcription.
Research Articles on GTF2H4	**1.** functional genetic variants of GTF2H4 confer susceptibility to lung cancer.
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