

Rabbit TFIIH p44 Polyclonal Antibody | anti-TFIHp44 antibody

TFIIH p44 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295907	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TFIIH p44; Polyclonal Antibody; TFIH p44 Polyclonal Antibody; GTF2H2; BTF2P44; General transcription factor IIH subunit 2; Basic transcription factor 2 44 kDa subunit; BTF2 p44; General transcription factor IIH polypeptide 2; TFIH basal transcription factor complex p44 subunit; anti-TFIHp44 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-TFIHp44 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-TFIHp44 antibody	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, TFIH 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, TFIH has an essential role in transcription initiation. When the pre- initiation complex (PIC) has been established, TFIH 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. The N-terminus of GTF2H2 interacts with and regulates XPD whereas an intact C-terminus is required for a successful escape of RNAP II from the promoter.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6681762
NCBI GeneID	2966
NCBI Accession #	NP_001506.1
NCBI GenBank Nucleotide #	NM_001515.3

UniProt Accession #	Q13888; Q15570; Q15571; Q9BS41
Molecular Weight	44,419 Da
NCBI Official Full Name	general transcription factor IIH subunit 2
NCBI Official Synonym Full Names	general transcription factor IIH, polypeptide 2, 44kDa
NCBI Official Symbol	GTF2H2
NCBI Official Synonym Symbols	p44; BTF2; TFIIH; BTF2P44; T-BTF2P44
NCBI Protein Information	general transcription factor IIH subunit 2; BTF2 p44; basic transcription factor 2 44 kDa subunit; general transcription factor IIH polypeptide 2; TFIIH basal transcription factor complex p44 subunit; general transcription factor IIH, polypeptide 2, 44kD
UniProt Protein Name	General transcription factor IIH subunit 2
UniProt Gene Name	GTF2H2
UniProt Synonym Gene Names	BTF2P44; BTF2 p44
UniProt Entry Name	TF2H2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tfiih-p44-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/295907>