Rabbit GTF2H2 Polyclonal Antibody | anti-GTF2H2 antibody

GTF2H2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201784	**Rabbit**	**Dog, Horse, Human, Mouse, Zebrafish**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

GTF2H2; Polyclonal Antibody; GTF2H2 antibody - C-terminal region; anti-GTF2H2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:CE LPVECKICGL TLVSAPHLAR SYHHLFPLDA FQEIPLEEYN GERFCYGC
Sequence Length	395
Applicable Applications for anti-GTF2H2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 92%; Horse: 92%; Human: 100%; Mouse: 85%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GTF2H2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-GTF2H2 Antibody Titration: 1 ug/mlPositive Control: Jurkat cell lysateGTF2H2 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)
Host: RabbitTarget Name: GTF2H2Sample Tissue: Human 293TAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human Lung

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2H2 antibody	This is a rabbit polyclonal antibody against GTF2H2. It was validated on Western Blot Target Description: GTF2 is encoded by a gene that is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This gene is within the telomeric copy of the duplication. Deletion of this gene sometimes accompanies deletion of the neighboring SMN1 gene in spinal muscular atrophy (SMA) patients but it is unclear if deletion of this gene contributes to the SMA phenotype. This gene encodes the 44 kDa subunit of RNA polymerase II transcription initiation factor IIH which is involved in basal transcription and nucleotide excision repair. Transcript variants for this gene have been described, but their full length nature has not been determined. A second copy of this gene within the centromeric copy of the duplication has been described in the literature. It is reported to be different by either two or four base pairs; however, no sequence data is currently available for the centromeric copy of the gene.
Product Categories/Family for anti-GTF2H2 antibody	Polyclonal; Chromatin & Nuclear Signaling; Disease Related; Immunohistochemistry; DNA Repair; GPCR; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681762
NCBI GeneID	2966
NCBI Accession #	NP_001506
NCBI GenBank Nucleotide #	NM_001515
UniProt Accession #	Q13888
Molecular Weight	44kDa
NCBI Official Full Name	general transcription factor IIH subunit 2 isoform a
NCBI Official Synonym Full Names	general transcription factor IIH subunit 2
NCBI Official Symbol	GTF2H2
NCBI Official Synonym Symbols	p44; BTF2; TFIIH; BTF2P44; T-BTF2P44
NCBI Protein Information	general transcription factor IIH subunit 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gtf2h2-antibody-western-blot-immunohistochemistry-elisa/201784