Datasheet for ABIN6141506

anti-GTF2H3 antibody (AA 1-308)

3 Images

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Overview

Quantity:	100 µL
Target:	GTF2H3
Binding Specificity:	AA 1-308
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF2H3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-308 of human GTF2H3 (NP_001507.2).
Sequence:	MVSDEDELNL LVIVVDANPI WWGKQALKES QFTLSKCIDA VMVLGNSHLF MNRSNKLAVI ASHIQESRFL YPGKNGRLGD FFGDPGNPPE FNPSGSKDGK YELLTSANEV IVEEIKDLMT KSDIKGQHTE TLLAGSLAKA LCYIHRMNKE VKDNQEMKSR ILVIKAAEDS ALQYMNFMNV IFAAQKQNIL IDACVLDSDS GLLQQACDIT GGLYLKVPQM PSLLQYLLWV FLPDQDQRSQ LILPPPVHVD YRAACFCHRN LIEIGYVCSV CLSIFCNFSP ICTTCETAFK ISLPPVLKAK KKKLKVSA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

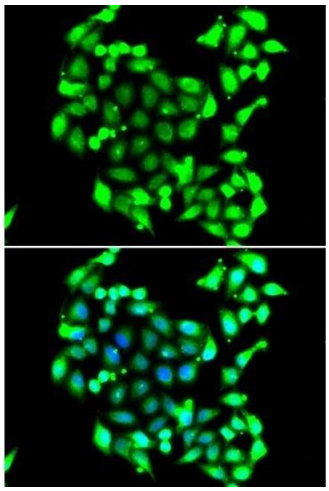
Target:	GTF2H3
Alternative Name:	GTF2H3 (GTF2H3 Products)
Background:	This gene encodes a member of the TFB4 family. The encoded protein is a subunit of the core-TFIIH basal transcription factor and localizes to the nucleus. The encoded protein is involved in RNA transcription by RNA polymerase II and nucleotide excision repair and associates with the Cdk-activating kinase complex. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 14.,GTF2H3,BTF2,P34,TFB4,TFIIH,Epigenetics & Nuclear Signaling,Transcription Factors,GTF2H3
Molecular Weight:	29 kDa/34 kDa
Gene ID:	2967
UniProt:	Q13889
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

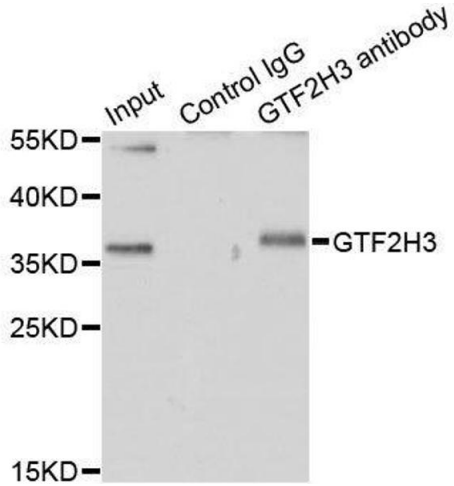
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



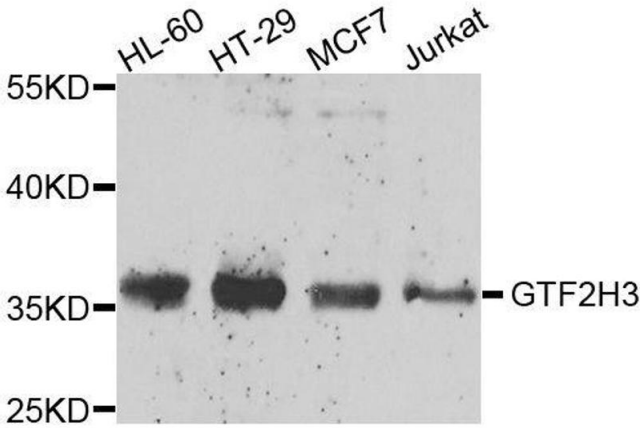
Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells using GTF2H3 antibody.



Immunoprecipitation

Image 2. Immunoprecipitation analysis of 200ug extracts of HT-29 cells using 1ug GTF2H3 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using GTF2H3 antibody.

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