

Datasheet for ABIN561177
anti-GTF2H1 antibody (AA 1-548)



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8 Images

1 Publication

Overview

Quantity:	100 µg
Target:	GTF2H1
Binding Specificity:	AA 1-548
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GTF2H1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant GTF2H1.
Immunogen:	GTF2H1 (AAH00365, 1 a.a. ~ 548 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MATSSEEVLL IVKKVRQKKQ DGALYLMAER IAWAPEGKDR FTISHMYADI KCQKISPEGK AKIQLQLVLH AGDTTNFHFS NESTAVKERD AVKDLLQQLL PKFKRKANKE LEEKNRMLQE DPVLFQLYKD LVVSQVISAE EFWANRLNVN ATDSSSTS NH KQDVGISA AF LADVRPQTDG CNGLRYNLTS DIIESIFRTY PAVKMKYAEN VPHNMTEKEF WTRFFQSHYF HRDRLNTGSK DLFAECAKID EKGLKTMVSL GVKNPLDLT ALEDKPLDEG YGISSVPSAS NSKSIKENS AAIIKRFNHH SAMVLAAGLR KQEAQNEQTS EPSNMDGNSG DADCFQPAVK RAKLQESIEY EDLGKNNSVK TIALNLKSD RYYHGPTPIQ SLQYATSQDI INSFQSIRQE MEAYTPKLTQ VLSSSAASST ITALSPGGAL MQGGTQQAIN QMVPNDIQSE LKHLVAVGE LLRHFWSCFP

Product Details

VNTPFLEEKV VKMKSNLERF QVTKLCPFQE KIRRQYLSTN LVSHIEMLQ TAYNKLHTWQ
SRRLMKKT

Clone: 1F12-1B5

Isotype: IgG1

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: GTF2H1

Alternative Name: GTF2H1 ([GTF2H1 Products](#))

Background: Full Gene Name: general transcription factor IIH, polypeptide 1, 62 kDa
Synonyms: BTF2,TFB1,TFIIH

Gene ID: 2965

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

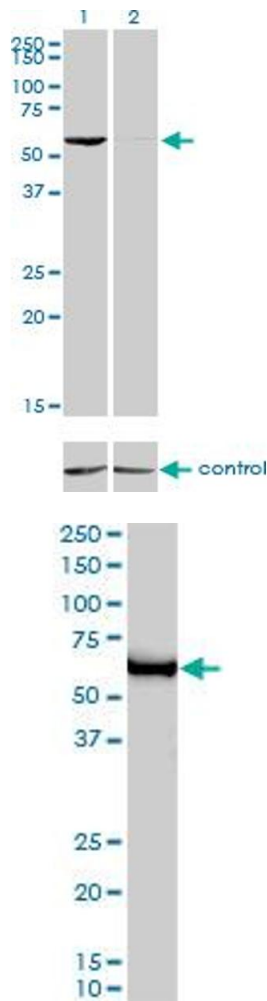
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Li, Liu, Abu-Asab, Masabumi, Maru: "XPB induces C1D expression to counteract UV-induced apoptosis." in: **Molecular cancer research : MCR**, Vol. 8, Issue 6, pp. 885-95, (2010) ([PubMed](#)).

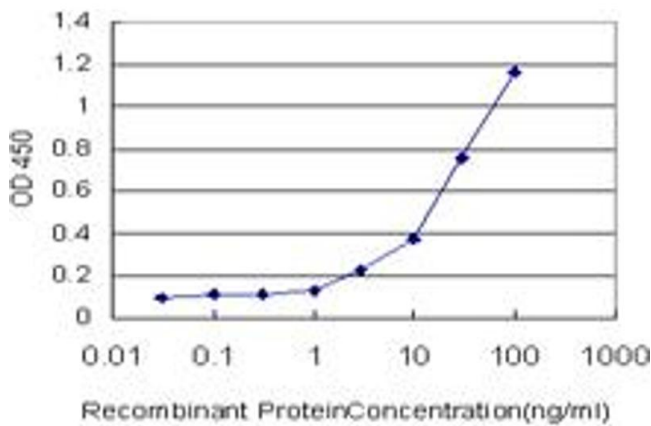


Western Blotting

Image 1. Western blot analysis of GTF2H1 over-expressed 293 cell line, cotransfected with GTF2H1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with GTF2H1 monoclonal antibody (M01), clone 1F12-1B5. GAPDH (36.1 kDa) used as specificity and loading control.

Western Blotting

Image 2. GTF2H1 monoclonal antibody (M01), clone 1F12-1B5. Western Blot analysis of GTF2H1 expression in HeLa S3 NE .



ELISA

Image 3. Detection limit for recombinant GST tagged GTF2H1 is approximately 1ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN561177.