

Datasheet for ABIN2792659  
**anti-GTF2H1 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	GTF2H1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF2H1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GTF2H1
Sequence:	ERFQVTKLCP FQEKIRRQYL STNLVSHIEE MLQTAYNKLH TWQSRRLMKK
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Chicken, Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against GTF2H1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	GTF2H1
Alternative Name:	GTF2H1 / BTF2 ( <a href="#">GTF2H1 Products</a> )
Background:	<p>GTF2H1 is the component of the core-TFIID basal transcription factor involved in nucleotide excision repair (NER) of DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II.</p> <p>Alias Symbols: BTF2, TFIID, TFB1</p> <p>Protein Interaction Partner: UBC, CDK7, TP53, RNF11, ERCC5, KLF1, HNF4A, E2F1, TCEA1, POLR2A, GTF2E1, POLR2C, KPNA3, GTF2H2, ACTN1, USHBP1, UVSSA, TRIOBP, TNIP1, REEP5, MMS19, ERCC2, GTF2H4, GTF2H3, ERCC3, RB1, MNAT1, tat, GTF2F1, CTD, RAD23A, XPC, XPA, RPA2, RPA1, RAD23B, ERCC4, ERC</p> <p>Protein Size: 548</p>
Molecular Weight:	62 kDa
Gene ID:	2965
NCBI Accession:	<a href="#">NM_005316</a> , <a href="#">NP_005307</a>
UniProt:	<a href="#">P32780</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	<p>WB Suggested Anti-GTF2H1 Antibody Titration: 0.2-1 µg/mL</p> <p>ELISA Titer: 1:312500</p> <p>Positive Control: ACHN cell lysate.</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 548 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-GTF2H1 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate GTF2H1 is supported by BioGPS gene expression data to be expressed in ACHN

### Western Blotting

**Image 2.** WB Suggested Anti-GTF2H1 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: ACHN cell lysate GTF2H1 is supported by BioGPS gene expression data to be expressed in ACHN