

Datasheet for ABIN7126497 **anti-GTF2H2 antibody**



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Overview

Quantity:	100 µg
Target:	GTF2H2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GTF2H2 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human GTF2H2 protein
Isotype:	IgG1
Specificity:	Initiation of transcription from protein-coding genes in eukaryotes is a complex process that requires RNA polymerase II, as well as families of basal transcription factors. Binding of the factor TFIID (TBP) to the TATA box is believed to be the first step in the formation of a multiprotein complex containing several additional factors, including TFIIA, TFIIB, TFIIE, TFIIIF and TFIIH. TFIIH (or BTF2) is a multisubunit transcription/DNA repair factor that possesses several enzymatic activities. The core of TFIIH is composed of five subunits, designated p89 (XPB or ERCC3), p62, p52, p44 and p34. Additional subunits of the TFIIH complex are p80 (XPD or ERCC2) and the ternary kinase complex composed of Cdk7, cyclin H and Mat1. Both p89 and p80 have ATP-dependent helicase activity. The p62, p52 and p44 subunits have been shown to be involved in nucleotide excision repair.
Cross-Reactivity (Details):	Human

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	GTF2H2
Alternative Name:	GTF2H2 (GTF2H2 Products)
Background:	Basic transcription factor 2 44 kDa subunit, BTF2, BTF2-p44, BTF2P44, General transcription factor IIH, polypeptide 2, 44 kDa, T-BTF2P44, TFIIH basal transcription factor complex p44 subunit,GTF2H2 / BTF2 / TFIIH Basal Transcription Factor Cellular localisation: Nucleus
Molecular Weight:	44kDa
Gene ID:	2966, 607501
UniProt:	Q13888
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), ,Optimal dilution for a specific application should be determined. Positive_Control: HeLa or MCF7 cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months