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GTF2F2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20178c

Product Information

Application	WB, E
Primary Accession	P13984
Other Accession	Q01750, Q8R0A0, Q2T9L9, NP_004119.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB41681
Calculated MW	28380
Antigen Region	144-172

Additional Information

Gene ID	2963
Other Names	General transcription factor IIF subunit 2, ATP-dependent helicase GTF2F2, General transcription factor IIF 30 kDa subunit, Transcription initiation factor IIF subunit beta, TFIIF-beta, Transcription initiation factor RAP30, GTF2F2, RAP30
Target/Specificity	This GTF2F2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-172 amino acids from the Central region of human GTF2F2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GTF2F2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GTF2F2

Synonyms	RAP30
Function	TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB.
Cellular Location	Nucleus.

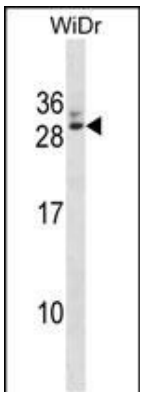
Background

TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB. It promotes transcription elongation. This subunit shows ATP-dependent DNA-helicase activity.

References

Yang, A., et al. Biochemistry 48(9):1964-1974(2009)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)
Le, T.T., et al. J. Biochem. 138(3):215-224(2005)
Kim, J.E., et al. J. Proteome Res. 4(4):1339-1346(2005)

Images



GTF2F2 Antibody (Center) (Cat. #AP20178c) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the GTF2F2 antibody detected the GTF2F2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.