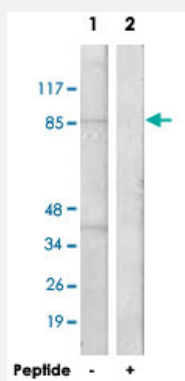


TAF5 polyclonal antibody

Catalog # PAB17389 Size 100 ug

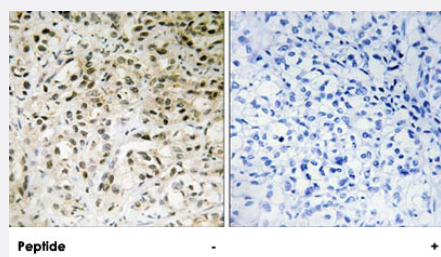
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using TAF5 polyclonal antibody (Cat # PAB17389).

Peptide "+" means "with peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using TAF5 polyclonal antibody (Cat # PAB17389).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TAF5.
Immunogen	A synthetic peptide corresponding to internal of human TAF5.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of total TAF5 protein.
Form	Liquid

Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using TAF5 polyclonal antibody (Cat # PAB17389).
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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using TAF5 polyclonal antibody (Cat # PAB17389).
Peptide "+" means "with peptide blocking".

Gene Info — TAF5

Entrez GeneID	6877
Protein Accession#	Q15542
Gene Name	TAF5
Gene Alias	TAF2D, TAFII100
Gene Description	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa
Omim ID	601787
Gene Ontology	Hyperlink

Gene Summary

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes an integral subunit of TFIID associated with all transcriptionally competent forms of that complex. This subunit interacts strongly with two TFIID subunits that show similarity to histones H3 and H4, and it may participate in forming a nucleosome-like core in the TFIID complex. [provided by RefSeq]

Other Designations

OTTHUMP00000020402|TATA box binding protein (TBP)-associated factor 2D|TATA box binding protein (TBP)-associated factor, RNA polymerase II, D, 100kD|TBP-associated factor 5|transcription initiation factor TFIID 100 kD subunit

Publication Reference

- [Specific interactions and potential functions of human TAFII100.](#)

Tao Y, Guermah M, Martinez E, Oelgeschlager T, Hasegawa S, Takada R, Yamamoto T, Horikoshi M, Roeder RG. The Journal of Biological Chemistry 1997 Mar; 272(10):6714.

Application: IP, WB-Ce, Human, HeLa cells

- [Molecular cloning and analysis of two subunits of the human TFIID complex: hTAFII130 and hTAFII100.](#)

Tanese N, Saluja D, Vassallo MF, Chen JL, Admon A. PNAS 1996 Nov; 93(24):13611.

- [Distinct domains of hTAFII100 are required for functional interaction with transcription factor TFIIF beta \(RAP30\) and incorporation into the TFIID complex.](#)

Dubrovskaya V, Lavigne AC, Davidson I, Acker J, Staub A, Tora L. The EMBO Journal 1996 Jul; 15(14):3702.

Pathway

- [Basal transcription factors](#)