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GTF2E1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5548

Product Information

Application	IHC-P, WB
Primary Accession	P29083
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49452
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	2960
Antigen Region	93-121
Other Names	General transcription factor IIE subunit 1, General transcription factor IIE 56 kDa subunit, Transcription initiation factor IIE subunit alpha, TFIIE-alpha, GTF2E1, TF2E1
Dilution	IHC-P~~1:100~500 WB~~1:1000
Target/Specificity	This GTF2E1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-121 amino acids from the N-terminal region of human GTF2E1.
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	GTF2E1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GTF2E1
Synonyms	TF2E1

Function	Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIE are required for promoter clearance by RNA polymerase.
Cellular Location	Nucleus

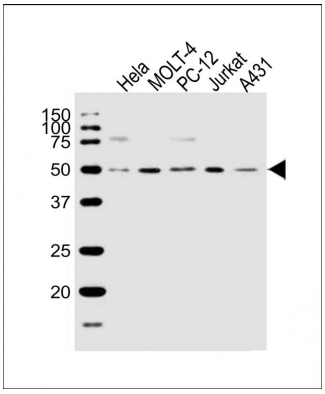
Background

Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIE are required for promoter clearance by RNA polymerase.

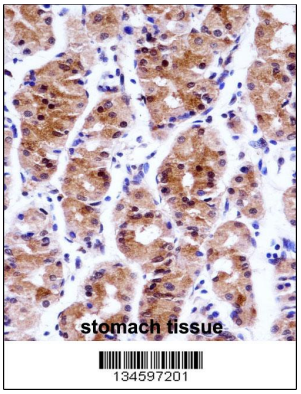
References

Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009)
Okuda, M., et al. EMBO J. 27(7):1161-1171(2008)
Di Lello, P., et al. Proc. Natl. Acad. Sci. U.S.A. 105(1):106-111(2008)
Jawhari, A., et al. EMBO Rep. 7(5):500-505(2006)
Okuda, M., et al. J. Biol. Chem. 279(49):51395-51403(2004)

Images



All lanes : Anti-GTF2E1 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: MOLT-4 whole cell lysate Lane 3: PC-12 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



GTF2E1 Antibody (N-term) (AW5548)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GTF2E1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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