

GTF2E1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16259

Product Information

Application	WB, IHC
Primary Accession	P29083
Other Accession	NM_005513 , NP_005504
Reactivity	Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Rabbit, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49452

Additional Information

Gene ID	2960
Alias Symbol	FE, TF2E1, TFIIE-A
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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-GTF2E1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	GTF2E1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GTF2E1
Synonyms	TF2E1
Function	Recruits TFIIF to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIF. Both TFIIF and TFIIE are required for promoter clearance by RNA polymerase.
Cellular Location	Nucleus

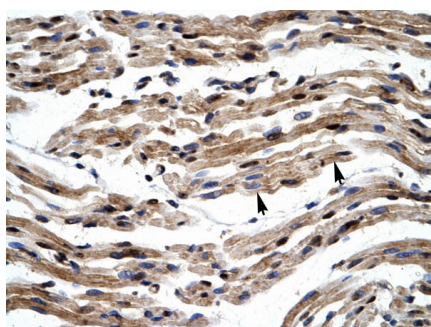
Background

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

Peterson M.G.,et al.Nature 354:369-373(1991).
Ohkuma Y.,et al.Nature 354:398-401(1991).
Bienvenut W.V.,et al.Submitted (JAN-2010) to UniProtKB.
Hisatake K.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:8195-8199(1995).
Di Valentin E.,et al.Biol. Chem. 386:255-267(2005).

Images



Human Muscle



WB Suggested Anti-GTF2E1 Antibody Titration: 0.2-1
µg/ml
Positive Control: Daudi cell lysate

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