

GTF2E2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14111b**Specification**

GTF2E2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P29084
Other Accession	Q2KJF9 , NP_002086.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33044
Antigen Region	240-269

GTF2E2 Antibody (C-term) - Additional Information**Gene ID** 2961**Other Names**

Transcription initiation factor IIE subunit beta, TFIIE-beta, General transcription factor IIE subunit 2, GTF2E2, TF2E2

Target/Specificity

This GTF2E2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-269 amino acids from the C-terminal region of human GTF2E2.

Dilution

WB~~1:1000

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

GTF2E2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GTF2E2 Antibody (C-term) - Protein Information**Name** GTF2E2

Synonyms TF2E2

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 TFIIIE are required for promoter clearance by RNA polymerase.

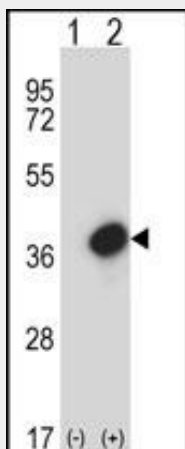
Cellular Location

Nucleus.

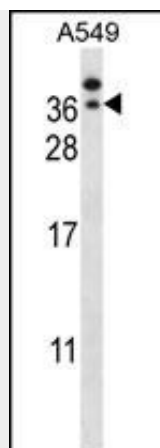
GTF2E2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GTF2E2 Antibody (C-term) - Images

Western blot analysis of GTF2E2 (arrow) using rabbit polyclonal GTF2E2 Antibody (C-term) (Cat. #AP14111b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GTF2E2 gene.



GTF2E2 Antibody (C-term) (Cat. #AP14111b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the GTF2E2 antibody detected the GTF2E2 protein (arrow).

GTF2E2 Antibody (C-term) - Background

GTF2E2 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 TFIIIE are required for promoter clearance by RNA polymerase.

GTF2E2 Antibody (C-term) - References

- Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)
- Festen, E.A., et al. Am. J. Gastroenterol. 105(2):395-402(2010)
- Tanaka, A., et al. Genes Cells 14(3):395-405(2009)
- Jawhari, A., et al. EMBO Rep. 7(5):500-505(2006)
- Watanabe, T., et al. Mol. Cell. Biol. 23(8):2914-2926(2003)