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GTF2E1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14432a

Specification

GTF2E1 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P29083
Other Accession	A6QLI8, NP_005504.2
Reactivity	**Human**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**49452**
Antigen Region	**93-121**

GTF2E1 Antibody (N-term) - Additional Information

Gene ID 2960

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

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.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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.

GTF2E1 Antibody (N-term) - 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.

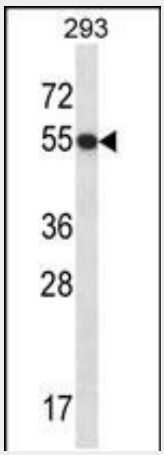
Cellular Location
Nucleus

GTF2E1 Antibody (N-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 Cytomety
- Cell Culture

GTF2E1 Antibody (N-term) - Images



GTF2E1 Antibody (N-term) (Cat. #AP14432a) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the GTF2E1 antibody detected the GTF2E1 protein (arrow).

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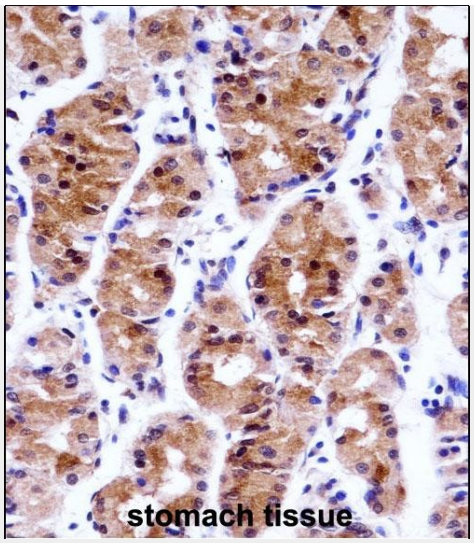

GTF2E1 Antibody (N-term) (AP14432a)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GTF2E1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

GTF2E1 Antibody (N-term) - 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.

GTF2E1 Antibody (N-term) - 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)