

Gtf2h5 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13886**Specification**

Gtf2h5 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8K2X8
Other Accession	NM_181392 , NP_852057
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog
Predicted Host	Rat, Rabbit, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 8kDa KDa

Gtf2h5 antibody - N-terminal region - Additional Information**Gene ID** 66467**Alias Symbol** 2700017P07Rik, 2810432H05Rik, D17Wsu155e**Other Names**

General transcription factor IIH subunit 5, General transcription factor IIH polypeptide 5, TFB5 ortholog, TFIIH basal transcription factor complex TTD-A subunit, Gtf2h5, D17Wsu155e

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-Gtf2h5 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

Gtf2h5 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Gtf2h5 antibody - N-terminal region - Protein Information**Name** Gtf2h5 {ECO:0000312|MGI:MGI:107227}**Synonyms** D17Wsu155e**Function**

Component of the general transcription and DNA repair factor IIH (TFIIH) core complex, which is involved in general and transcription-coupled nucleotide excision repair (NER) of damaged DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. In NER, TFIIH acts by opening DNA around the lesion to allow the excision of the damaged oligonucleotide and its

replacement by a new DNA fragment. In transcription, TFIIF has an essential role in transcription initiation. When the pre-initiation complex (PIC) has been established, TFIIF is required for promoter opening and promoter escape. Phosphorylation of the C-terminal tail (CTD) of the largest subunit of RNA polymerase II by the kinase module CAK controls the initiation of transcription. Necessary for the stability of the TFIIF complex and for the presence of normal levels of TFIIF in the cell.

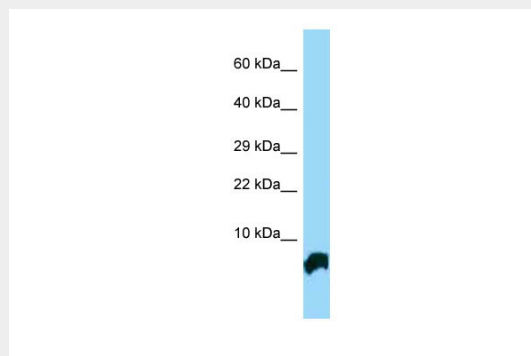
Cellular Location

Nucleus. Cytoplasm

Gtf2h5 antibody - N-terminal region - 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](#)

Gtf2h5 antibody - N-terminal region - Images

WB Suggested Anti-Gtf2h5 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Gtf2h5 antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).
Matsuoka S., et al. Science 316:1160-1166(2007).