

Gtf2h3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11268

Product Information

Application	WB
Primary Accession	Q8VD76
Other Accession	NM_181410 , NP_852075
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine
Predicted	Mouse, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34244

Additional Information

Gene ID	209357
Alias Symbol Other Names	34kDa, 5033417D07Rik, BTF2, C730029A10, D5Ertd679e, TFIIH, BTF2 p34 General transcription factor IIH subunit 3, Basic transcription factor 2 34 kDa subunit, BTF2 p34, General transcription factor IIH polypeptide 3, TFIIH basal transcription factor complex p34 subunit, Gtf2h3
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-Gtf2h3 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	Gtf2h3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

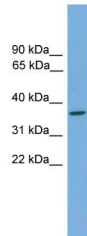
Name	Gtf2h3
Function	Component of the general transcription and DNA repair factor IIH (TFIIH) core complex, which is involved in general and transcription-coupled nucleotide excision repair (NER) of damaged DNA and, when complexed to CAK, in RNA transcription by RNA polymerase II. In NER, TFIH acts by opening DNA around the lesion to allow the excision of the damaged oligonucleotide and its replacement by a new DNA fragment. In transcription, TFIH has an essential role in transcription initiation. When the pre-initiation complex (PIC) has been established, TFIH 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.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q13889}.

Images



WB Suggested Anti-Gtf2h3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Spleen

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