



TFIIE- β Polyclonal Antibody

Catalog No	YP-Ab-02105
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	GTF2E2
Protein Name	Transcription initiation factor IIE subunit beta
Immunogen	The antiserum was produced against synthesized peptide derived from human TF2E2. AA range:151-200
Specificity	TFIIE- β Polyclonal Antibody detects endogenous levels of TFIIE- β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	GTF2E2; TF2E2; Transcription initiation factor IIE subunit beta; TFIIE-beta; General transcription factor IIE subunit 2
Observed Band	33kD
Cell Pathway	Nucleus .
Tissue Specificity	Skin,
Function	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.,similarity:Belongs to the TFIIE beta subunit family.,similarity:Contains 1 TFIIE beta DNA-binding domain.,subunit:Tetramer of two alpha and two beta chains. Interacts with FACT subunit SUPT16H.,
Background	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.,similarity:Belongs to the TFIIE beta subunit family.,similarity:Contains 1 TFIIE beta DNA-binding domain.,subunit:Tetramer of two alpha and two beta chains. Interacts with FACT subunit SUPT16H.,



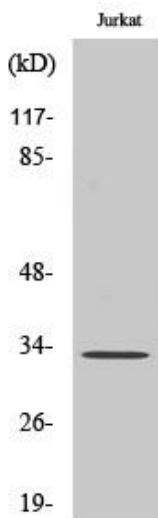
matters needing attention

Avoid repeated freezing and thawing!

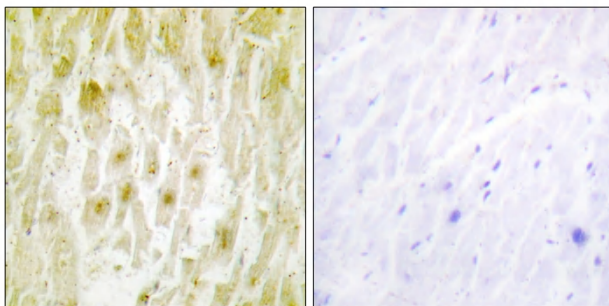
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

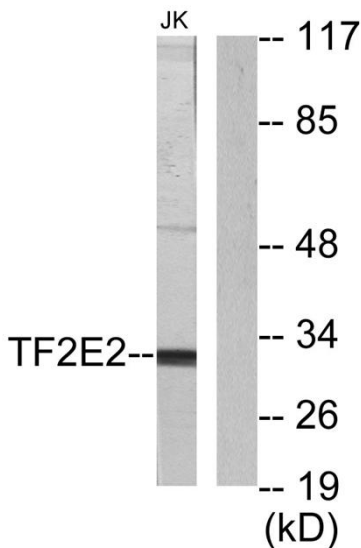
Products Images



Western Blot analysis of various cells using TFIIE- β Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using TF2E2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using TF2E2 Antibody. The lane on the right is blocked with the synthesized peptide.