TFIIE-β polyclonal antibody

Catalog: BS5964 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

In eukaryotic systems, initiation of transcription from protein-coding genes is a complex process requiring RNA polymerase II and broad families of auxiliary transcription factors. Such factors can be divided into two major functional classes: the basal factors that are required for transcription of all Pol II genes, including TFIIA, TFIIB, TFIID, TFIIE, TFIIF and TFIIH; and sequencespecific factors that regulate gene expression. The basal transcription factors and Pol II form a specific multiprotein complex near the transcriptional start site by interacting with core promotor elements such as the TATA box generally located 25-30 base pairs upstream of the transcription start site. Human TFIIE consists of two subunits of 56 kDa and 34 kDa molecular weight, respectively. The structure of TFIIE appears to be a heterotetramer(α2 β2) both subunits being required for optimal basal-level transcription .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P29084

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

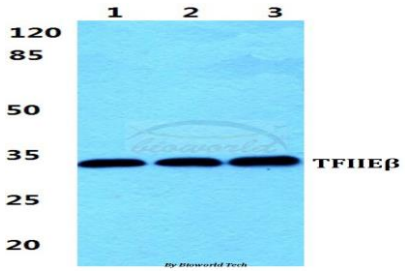
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

TFIIE-β polyclonal antibody detects endogenous levels of TFIIE-β protein.

DATA:



Western blot (WB) analysis of TFIIE-β polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:sp2/0 cell lysate

Lane3:H9C2 cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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