

TFIIA- α (E311) polyclonal antibody

Catalog: BCP01631

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Initiation of transcription from protein-coding genes in eukaryotes is a complex process that requires RNA polymerase II, as well as families of basal transcription factors. Binding of the factor TFIID (TBP) to the TATA box is believed to be the first step in the formation of a multi-protein complex containing several additional factors, including TFIIA, TFIIB, TFIIE, TFIIF and TFIIH. Recognition of the TATA binding element by TBP, one of the first steps in transcription initiation, may be regulated by TFIIA. TFIIA consists of three subunits designated TFIIA- α , TFIIA- β and TFIIA- γ , and it interacts with both TBP and a TAF (TBP-associated factor). It has been demonstrated that the basic region of TBP is essential for TFIIA-dependent function of TBP.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 42 kDa

Swiss-Prot:

P52655

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

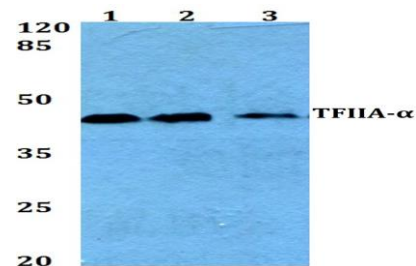
IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

TFIIA- α (E311) polyclonal antibody detects endogenous levels of TFIIA- α protein.

DATA:

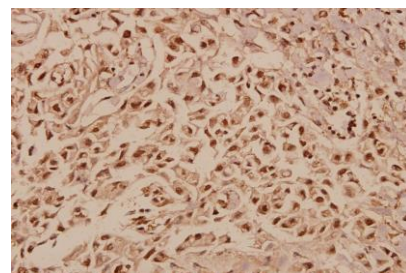
Western blot (WB) analysis of TFIIA- α (E311) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:SP2/0 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of TFIIA- α (E311) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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