

TFIIH p62 (A32) polyclonal antibody

Catalog: BS2271

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 actors. Binding of the factor TFIID (TBP) to the TATA box is believed to be the first step in the formation of a multiprotein complex containing several additional factors, including TFIIA, TFIIB, TFIIE, TFIIF and TFII. TFIIH (or BTF2) is a multisubunit transcription/DNA repair factor that possesses several enzymatic activities. The core of TFIIH is composed of five subunits, designated p89 (XPB or ERCC3), p62, p52, p44 and p34. Additional subunits of the TFIIH complex are p80 (XPD or ERCC2) and the ternary kinase complex composed of Cdk7, cyclin H and MAT1. Both p89 and p80 have ATP-dependent helicase activity. The p62, p52 and p44 subunits have been shown to be involved in nucleotide excision repair.

Product:

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

Molecular Weight:

~ 62 kDa

Swiss-Prot:

P32780

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:

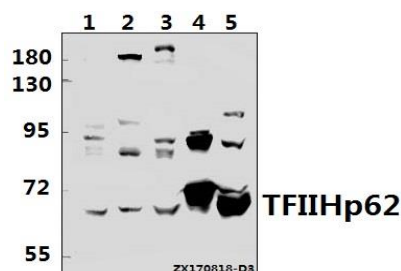
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

TFIIH p62 (A32) polyclonal antibody detects endogenous levels of TFIIH p62 protein.

DATA:



Western blot (WB) analysis of TFIIH p62 (A32) pAb at 1:500 dilution

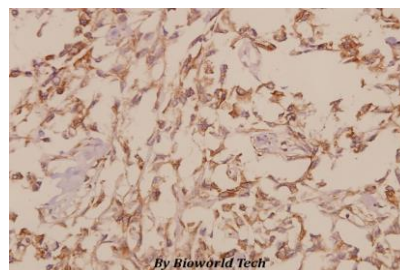
Lane1:HepG2 whole cell lysate(40ug)

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

Lane3:K562 whole cell lysate(40ug)

Lane4:The Brain tissue lysate of Mouse(40ug)

Lane5:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of TFIIH p62 (A32) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151