

(Tel: 400-999-8863 ■ Emall:Upingbio.163.com



IκB β Mouse mAb(3E4)

YP-Ab-04804
IgG
Human; Mouse;Rat
IHC;WB
NFKBIB IKBB TRIP9
ΙκΒ β
Synthesized peptide derived from human I κ B β
This antibody detects endogenous levels of $\;$ IkB $\;\beta\;$ at Human, Mouse,Rat
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.45% sodium azide.
Monoclonal, Mouse
The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
IHC-p1:50-200 ,WB 1:1000-2000
1 mg/ml
≥90%
-20°C/1 year
NF-kappa-B inhibitor beta (NF-kappa-BIB) (I-kappa-B-beta) (IkB-B) (IkB-beta) (IkappaBbeta) (Thyroid receptor-interacting protein 9) (TR-interacting protein 9) (TRIP-9)
45-48kD
Cytoplasm . Nucleus .
Expressed in all tissues examined.
function:Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further IKBA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.,PTM:Phosphorylated; followed by degradation. Interaction with NKIRAS1 and NKIRAS2 probably prevents phosphorylation.,similarity:Belongs to the NF-kappa-B inhibitor family.,similarity:Contains 6 ANK repeats.,subunit:Interacts with THRB (via ligand-binding domain). Interacts with RELA and REL. Interacts with COMMD1 and inhibitor kappa B-interacting Ras-like NKIRAS1 and NKIRAS2.,tissue specificity:Expressed in all tissues examined.,



UpingBio technology Co.,Ltd

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Background

The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jul 2011],

matters needing attention

96KD-

66KD

45KD

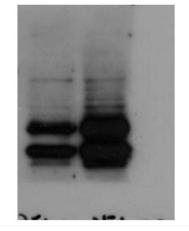
35KD 26KD Avoid repeated freezing and thawing!

Usage suggestions

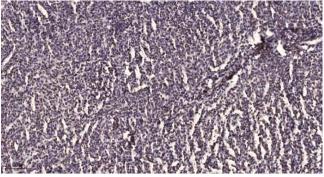
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

1 2



Western blot analysis of 1)Jurkat Cell, 2) Mouse Brain Tissue Lysate using IκB βMouse Monoclonal mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human brain tumor. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).