磷酸化 KB 抑制蛋白β抗体

产品货号： mIR3191

英文名称： Phospho-IKB beta (Ser23)

中文名称： 磷酸化 KB 抑制蛋白β抗体

别　　名： IkB beta (phospho S23); p-IkB beta (phospho S23); IKB beta (Phospho-Ser23); IKB beta (Phospho-S23); p-IKB beta (Ser23); p-IKB beta (S23); phospho-NFKBIB(Ser23); NFKBIB(phospho S23); IkB-beta(Phospho-Ser22); IkB beta; NF-kappa-B inhibitor beta; IKB beta; NF-kappa-BIB; TRIP-9; I-kappa-B-beta; IkappaBbeta; IkB-beta; IkB-B; Thyroid receptor-interacting protein 9; TR-interacting protein 9; NFKBIB; IKBB.

产品类型： 磷酸化抗体

研究领域： 肿瘤　免疫学　信号转导　生长因子和激素　转录调节因子　激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 39kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原 ： KLH conjugated synthesised phosphopeptide derived from human NFKBIB around the phosphorylation site of Ser23:LG(p-S)LG

亚　　型 ： IgG

纯化方法 ： affinity purified by Protein A

储 存 液 ： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 ： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 ： 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].

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 NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.

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.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Expressed in all tissues examined.

Post-translational modifications:

Phosphorylated by RPS6KA1; followed by degradation. Interaction with NKIRAS1 and NKIRAS2 probably prevents phosphorylation.

Similarity:

Belongs to the NF-kappa-B inhibitor family.

Contains 6 ANK repeats.

SWISS:

Q15653

Gene ID:

4793

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.