

Datasheet for ABIN6287873
anti-NFKBIB antibody (pSer23)



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Overview

Quantity:	50 µL
Target:	NFKBIB
Binding Specificity:	AA 1-80, pSer23
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFKBIB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	IκB-β is a protein encoded by the IKBKB gene which is approximately 86,5 kDa. IκB-β is localised to the cytoplasm and nucleus. It is involved in activated TLR4 signalling, TNFR1 pathways and toll-like receptor signalling pathways. It is a serine kinase that plays an essential role in the NF-kappa-B signalling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. IκB-β is highly expressed in the heart, placenta, skeletal muscle, kidney, spleen and thymus. Mutations in the IKBKB gene may result in immunodeficiency. STJ90313 is a synthesized peptide derived from human IκB-β around the phosphorylation site of S23. This primary antibody specifically binds to endogenous IκB-β protein which only binds about S23 when S23 is phosphorylated.
Immunogen:	Synthesized peptide derived from human IκappaB-beta around the phosphorylation site of S23.

Product Details

Isotype:	IgG
Specificity:	Phospho-IκB-β (S23) Polyclonal Antibody detects endogenous levels of IκB-β protein only when phosphorylated at S23.
Characteristics:	Rabbit polyclonal to Phospho-IκB-β (S23).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	NFKBIB
Alternative Name:	IκappaB-beta (NFKBIB Products)
Molecular Weight:	37 kDa
Gene ID:	4793
UniProt:	Q15653
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Maintenance of Protein Location , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:40000
Comment:	Expressed in all tissues examined.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.