bs-18129R

[Primary Antibody]

phospho-IKB alpha (Ser36) Rabbit pAb



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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 4792 **SWISS:** P25963

Target: IKB alpha (Ser36)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

IKB alpha around the phosphorylation site of Ser36: LD(p-S)MK.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500)

Reactivity: Human, Mouse

(predicted: Rat, Rabbit, Pig,

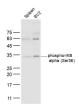
Sheep, Cow)

Predicted 35 kDa MW.:

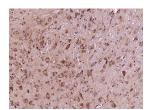
Subcellular

Location: Cytoplasm ,Nucleus

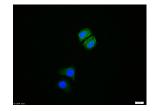
VALIDATION IMAGES -



Sample: Spleen (Mouse) Lysate at 40 ug BV2 (Mouse) Lysate at 30 ug Primary: Anti-phospho-IKB alpha (Ser36) (bs-18129R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kD Observed band size: 35 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-IKB alpha (Ser36)) Polyclonal Antibody, Unconjugated (bs-18129R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min: Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-IKB alpha (Ser36)) polyclonal Antibody, Unconjugated (bs-18129R) 1:100, 90 minutes at 37°C: followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SFI FCTFD CITATIONS -

- [IF=14.911] Tsuchida T et al. A simple diet- and chemical-induced murine NASH model with rapid progression of steatohepatitis, fibrosis and liver cancer. J Hepatol. 2018 Aug;69(2):385-395. WB; Mouse. 29572095
- [IF=6.1] Yijin Wang, et al. Peanut oil odor enhances the immunomodulatory effect on immunosuppressed mice by regulating cAMP signaling pathway via brain-spleen axis. FOOD FUNCT. 2024 Jan;: WB; MOUSE. 10.1039/D3F003629D
- [IF=5.6] Yan-Qing Xie. et al. Anti-inflammatory and analgesic effects of Streblus indicus. FRONT PHARMACOL. 2023; 14: 1249234 WB; Mouse. 37829300

• [IF=5.6] Guoliang Yi. et al. Atractylenolide-III attenuates osteoarthritis by repolarizing macrophages through inactivating TLR4/NF-KB signaling. INT IMMUNOPHARMACOL. 2024 Mar;129:111629 WB; Mouse. 38346377 • [IF=4.996] Zhao, Lei. et al. Lactobacillus plantarum S9 alleviates lipid profile, insulin resistance, and inflammation in high-fat diet-induced metabolic syndrome rats. SCI REP-UK. 2022 Sep;12(1):1-10 WB;Rat. 36109620