

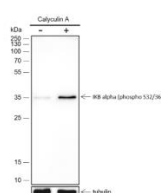
bsm-60711R**[Primary Antibody]****Bioss**
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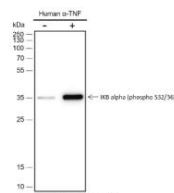
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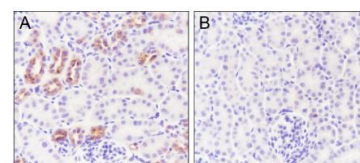
400-901-9800

phospho-IKB Alpha (Ser32 / Ser36) Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** R8D3**GeneID:** 4792**SWISS:** P25963**Target:** IKB Alpha (Ser32 / Ser36)**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** (1:50-100)**IF** (1:150-100)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 35 kDa**Subcellular Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

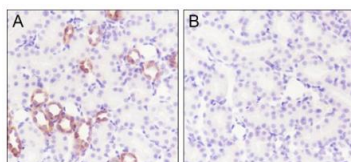
Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:2000 Primary Ab incubation condition: 2 hours at room temperature
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
 Lysate: (-): C6, (+): C6+ Calyculin A (100nM, 30min) Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 36 kDa Observed MW: 36 kDa



Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1:2000 Primary Ab incubation condition: 2 hours at room temperature
 Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
 Lysate: (-): HeLa, (+): HeLa+ Human ̢-TNF (20ng/ml, 30min) Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 36 kDa Observed MW: 36 kDa



Tissue: (A) Mouse kidney, (B) Mouse kidney, then the tissue was incubated with alkaline phosphatase (50 U/ml) at 37°C for 1 hour Section type: Formalin-fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100 Primary Ab incubation condition: 1 hour at room temperature Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-60711R



Tissue: (A) Rat kidney, (B) Rat kidney, then the tissue was incubated with alkaline phosphatase (50 U/ml) at 37°C for 1 hour Section type: Formalin-fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100 Primary Ab

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

incubation condition: 1 hour at room
temperature Secondary Ab: Anti-Rabbit and
Mouse Polymer HRP (Ready to use) Counter
stain: Hematoxylin (Blue) Comment: Color
brown is the positive signal for bsm-60711R

— SELECTED CITATIONS —

- **[IF=8.2]** Feng Gao. et al. Goat milk exosomal microRNAs alleviate LPS-induced intestinal inflammation in mice. INT J BIOL MACROMOL. 2024 May;268:131698 WB ;Mouse,Rat. 38642690
- **[IF=3.8]** Yaxi Zhou. et al. Silkworm pupa protein-derived peptides alleviate LPS-induced inflammatory response in RAW264.7 macrophage cells through the NF-κB/MAPK/PI3K-AKT signaling pathway. Journal of Agriculture and Food Research. 2024 Jun;16:101165 WB ;Mouse. 10.1016/j.jafr.2024.101165
- **[IF=2.9]** Xian-Mei Piao. et al. Dendrocandin U from Dendrobium officinale Kimura et Migo Inhibits M1 Polarization in Alveolar Macrophage by Suppressing NF-κB Signaling Pathway. CHEM BIODIVERS. 2023 Nov;;e202300999 WB ;Mouse. 37933979