

Anti-P-IKB α (Ser32/Ser36) Rabbit pAb

WL02495

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name Anti-P-IKB α (Ser32/Ser36) Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat

Tested applications

Western blot	1:500
Immunohistochemistry	1:200

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Molecular Wt. 32 kDa**Pack size** 50/100/200/500/1000 μ l**Storage** Store at -20°C. **Avoid freeze/thaw cycles.****Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml

BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

The NF- κ B/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory IKB proteins. Activation occurs via phosphorylation of IKB- α at Ser32 and Ser36 followed by proteasome-mediated degradation that results in the release and nuclear translocation of active NF- κ B. IKB α phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines. Kinases that phosphorylate IKB at these activating sites have been identified.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-IKB α (Ser32/Ser36).

Purification

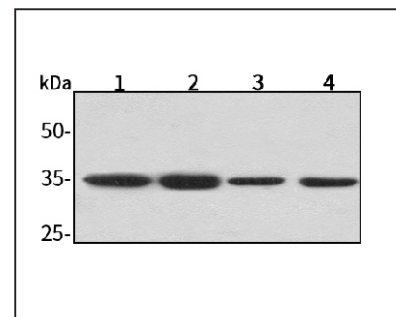
Polyclonal antibody was purified by immunogen affinity chromatography.

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Product Images

Western blot-Anti-P-IKB α (Ser32/Ser36) pAbLane 1: Human HepG2 cell lysate 30 μ gLane 2: Human Hela cell lysate 30 μ gLane 3: Human BGC-823 cell lysate 30 μ gLane 4: Human MGC-803 cell lysate 30 μ g

Separation gel: 13% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

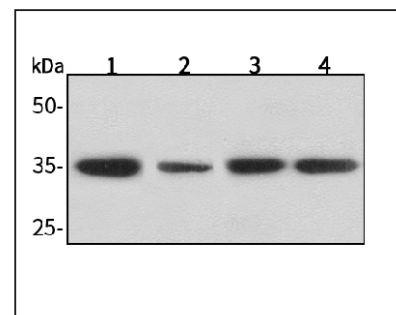
Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking

Primary antibody: 1:500 in blocking buffer, 4°C, overnight

Secondary antibody (WLA023a) : 1:5000-1:10000, 45min

Visualization: ECL, 30s-2min

Western blot-Anti-P-IKB α (Ser32/Ser36) pAbLane 1: Mouse heart tissue lysate 30 μ gLane 2: Mouse kidney tissue lysate 30 μ gLane 3: Rat lung tissue lysate 30 μ gLane 4: Rat brain tissue lysate 30 μ g

Separation gel: 13% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

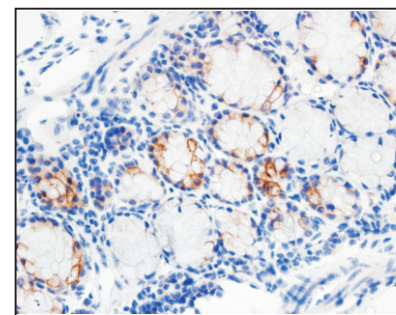
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Immunohistochemistry-Anti-P-IKB α (Ser32/Ser36) pAb

Sample: Mouse colon tissue

Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Color Developing: DAB

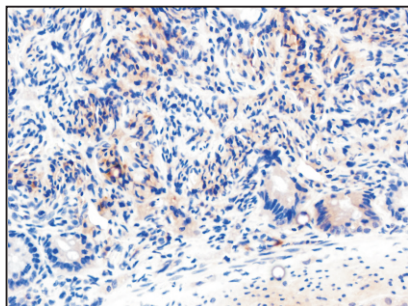
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