

Anti-IKK beta Rabbit pAb



GB115540 -20°C

Product Information

Protein full name	Inhibitor of nuclear factor kappa-B kinase subunit beta
Synonyms	I kappa B kinase 2, I kappa B kinase beta, IKBKB, IKK B, IKK beta, IKK2, IKKB, IκB, NFKB1KB
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse IKK beta
Uniprot ID	O88351
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cytoplasm, Nucleus, Membrane

Applications	Species	Dilution	Positive Tissue
IHC/IF	Mouse, Rat	1: 100-1: 200	heart, kidney

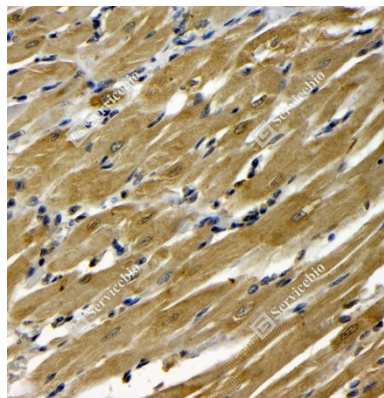
Storage

Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.

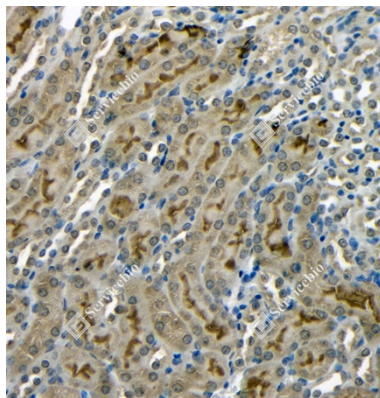
background

Serine kinase that plays an essential role in the NF-kappa-B signaling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. Acts as part of the canonical IKK complex in the conventional pathway of NF-kappa-B activation and phosphorylates inhibitors of NF-kappa-B on 2 critical serine residues. These modifications allow polyubiquitination of the inhibitors and subsequent degradation by the proteasome. In turn, free NF-kappa-B is translocated into the nucleus and activates the transcription of hundreds of genes involved in immune response, growth control, or protection against apoptosis.

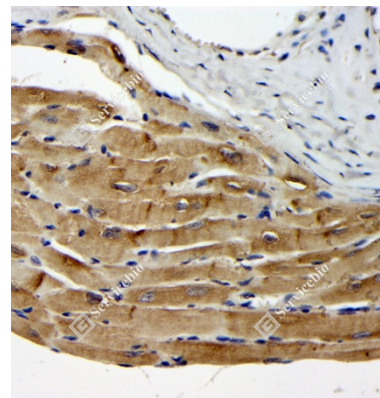
Images



IHC analysis of IKK beta(GB115540).
Sample: Rat heart, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min.
Primary antibody: 1: 100, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of IKK beta(GB115540).
Sample: Mouse kidney, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min.
Primary antibody: 1: 100, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.



IHC analysis of IKK beta(GB115540).
Sample: Mouse heart, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min.
Primary antibody: 1: 100, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.

For Research Use Only!

Ver. No.: V2.0-20260420