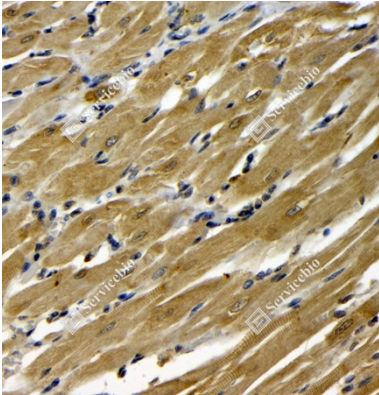
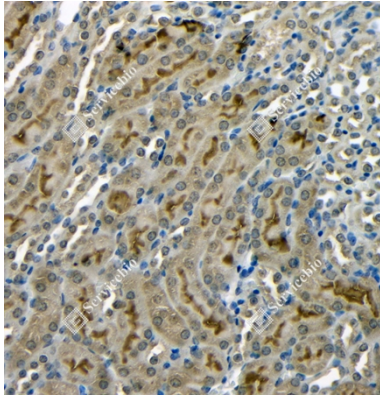
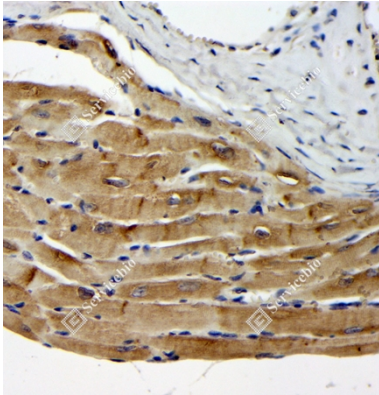


Anti-IKK beta Rabbit pAb



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.			

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