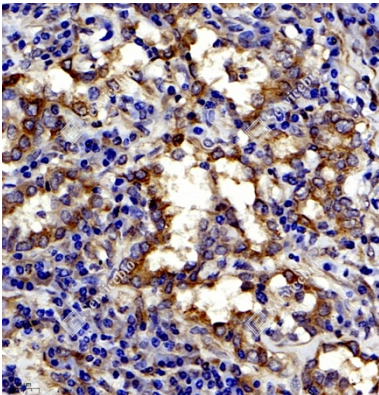
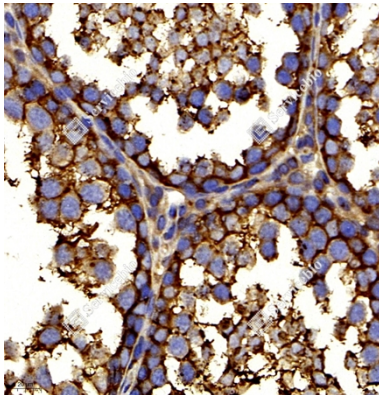
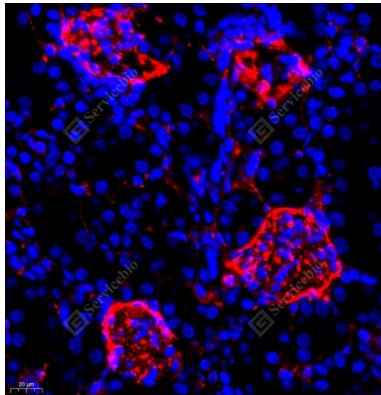


Anti-IKK alpha Rabbit pAb



GB11292-2 -20°C

Product Information			
Protein full name	Inhibitor of nuclear factor kappa-B kinase subunit alpha		
Synonyms	Chuk, CHUK, IKBKA, IKK-alpha, IKK1, IKKA, NFKBIKA, TCF16, Conserved helix-loop-helix ubiquitous kinase, Component of inhibitor of nuclear factor kappa B kinase complex		
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse IKKα		
Uniprot ID	Q60680		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Cytoplasm, Nucleus		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Human, Mouse, Rat	1: 200-1: 1000	brain, breast cancer, colon cancer
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			
IKK-α is a member of the serine/threonine protein kinase family and forms a complex in the cell with IKK-β and NEMO. NF-κB transcription factors are normally held in an inactive state by the inhibitory proteins IκBs. IKK-α and IKK-β phosphorylate the IκB proteins, marking them for degradation via ubiquitination and allowing NF-κB transcription factors to go into the nucleus. Once activated, NF-κB transcription factors regulate genes that are implicated in many important cellular processes, including immune response, inflammation, cell death, and cell proliferation.			
Images			
			
IHC analysis of IKK alpha(GB11292-2). Sample: Human lung cancer, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 600, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.	IHC analysis of IKK alpha(GB11292-2). Sample: Mouse testis, 4% PFA (G1101) 12-24h. Antigen retrieval: Citrate buffer (pH 6.0) (G1201), 98°C, 20 min. Primary antibody: 1: 600, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 200, RT, 1h.	IF analysis of IKK alpha(GB11292-2)red. Sample: Mouse kidney, 4% PFA (G1101) 12-24h. Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min. Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min. Primary antibody: 1: 600, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.	

For Research Use Only!

Ver. No.: V2.0-20260420