IMMUNOLOGICAL SCIENCES

|	
Cat. No:	AB-81979
Conjugate:	Unconjugated
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human IKK-alpha. AA range:15-64
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1/500 – 1/2000 Immunohistochemistry: 1/100 – 1/300
Molecular Weight:	85kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	CHUK; IKKA; TCF16; Inhibitor of nuclear factor kappa-B kinase subunit alpha; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkBKA; IkappaB kinase; Conserved helix-loop-helix ubiquitous kinase; I-kappa-B kinase 1; IKK1; Nuclear factor NF-kappa-B
Background:	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
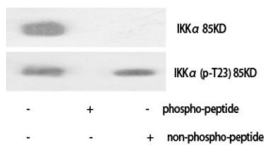
Western Blot analysis of various cells using IKKα Polyclonal Antibody diluted at 1:1000
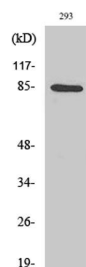
Western Blot analysis of 293 cells using IKKα Polyclonal Antibody diluted at 1:1000
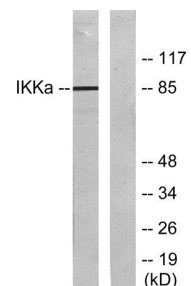
Western blot analysis of lysates from 293 cells, treated with EGF, using IKK-alpha Antibody. The lane on the right is blocked with the synthesized peptide.
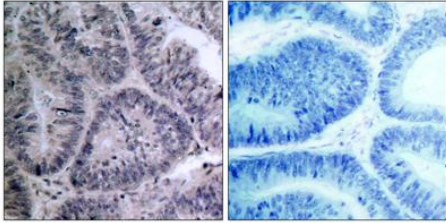
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using IKK-alpha Antibody.
The picture on the right is blocked with the synthesized peptide.