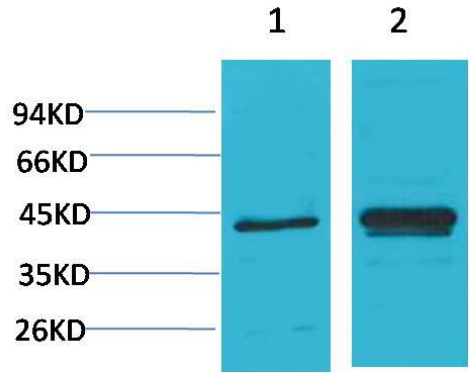
IκB α Rabbit Polyclonal Antibody(F169)

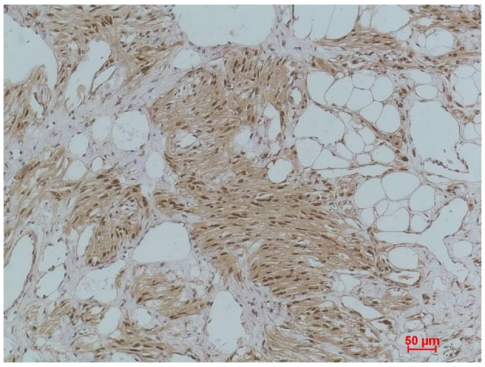
Catalog No：RA20159

Basic Information	
Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	H, R
Specificity	Antibody can detects endogenous IκB α protein.
Recommended dilutions	WB: 1:2,000-5,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.
Applications	
Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal
Background	
Alternative Names	I kappa B alpha antibody, IkB-alpha antibody, IKBA antibody, MAD3 antibody, NFKB inhibitor antibody
Observed band	40
Human Gene ID	4792
Human Swiss-Prot Number	P25963
Background	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. IκBα phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines.

Selected Validation Data



Western blot analysis of 1) Hela, 2)PC12 with IκB α Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human KidneyTissue using I κB α Rabbit pAb diluted at 1:500.