

Rabbit IKB alpha Polyclonal Antibody | anti- $\text{IKB}\alpha$ antibody

IKB alpha antibody

CATALOG # AAA107668	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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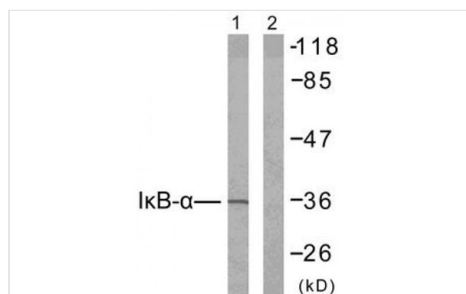
PRODUCT SYNONYMS

IKB alpha; Polyclonal Antibody; IKB alpha antibody; Polyclonal IKB alpha; Anti- $\text{IKB}\alpha$ alpha; IKB-alpha; MAD3; IkappaBalpha; MAD-3; Major histocompatibility complex enhancer-binding protein MAD3; I-kappa-B-alpha; Ab 42; IKBA; anti- $\text{IKB}\alpha$ alpha antibody

PRODUCT SPECIFICATIONS

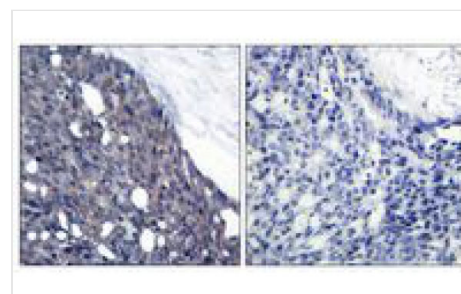
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	IKB alpha antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG^{2+} or Ca^{2+}), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti- $\text{IKB}\alpha$ alpha antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	$\text{IKB}\alpha$ is a regulatory protein that inhibits NF- κB by complexing with and trapping it in the cytoplasm. May be involved in regulation of transcriptional responses to NF- κB , including cell adhesion, immune and proinflammatory responses, apoptosis, differentiation and growth. Controlled by sequential serine-phosphorylation, ubiquitination and degradation.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	IKB alpha antibody was raised in Rabbit using the peptide sequence around aa 40~44 (E-E-Y-E-Q) derived from Human IKB-A as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from 293 and THP 1 cells using $\text{IKB}\alpha$ antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using $\text{IKB}\alpha$ antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-IKB alpha antibody	Rabbit polyclonal IKB alpha antibody
Product Categories/Family for anti-IKB alpha antibody	Differentiation & Development

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikb-alpha-antibody-western-blot-immunohistochemistry-elisa/107668>