



# I $\kappa$ B- $\alpha$ (phospho-Ser32) rabbit pAb

Cat No.:ES15405

For research use only

## Overview

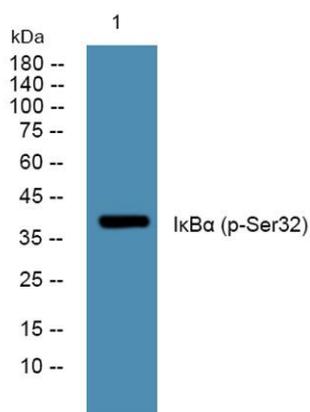
<b>Product Name</b>	I $\kappa$ B- $\alpha$ (phospho-Ser32) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	Synthesized phospho peptide around human I $\kappa$ B $\alpha$ (Ser32)
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse Rat I $\kappa$ B $\alpha$ (phospho-Ser32)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	NF-kappa-B inhibitor alpha
<b>Gene Name</b>	NFKBIA IKBA MAD3 NFKBI
<b>Cellular localization</b>	Cytoplasm. Nucleus. Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	about 40kd
<b>Human Gene ID</b>	4792
<b>Human Swiss-Prot Number</b>	P25963
<b>Alternative Names</b>	NF-kappa-B inhibitor alpha (I-kappa-B-alpha) (I $\kappa$ B-alpha) (I $\kappa$ B $\alpha$ ) (Major histocompatibility complex enhancer-binding protein MAD3)
<b>Background</b>	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The





encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011],

Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

