

Rabbit IKBKB Polyclonal Antibody | anti-ICKBKB antibody

IKBKB Polyclonal Antibody

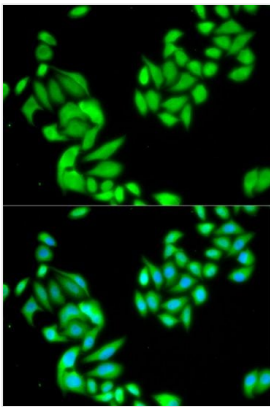
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10671	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

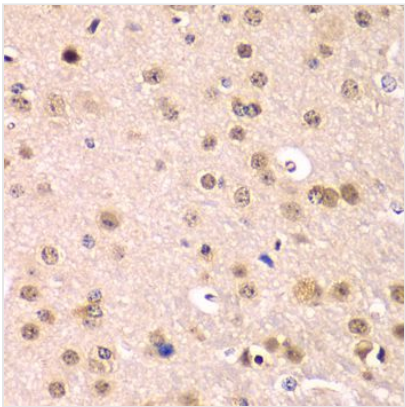
IKBKB; Polyclonal Antibody; IKBKB Polyclonal Antibody; FLJ40509; IKK-beta; IKK2; IKKB; MGC131801; NFKBKB; anti-ICKBKB antibody

PRODUCT SPECIFICATIONS

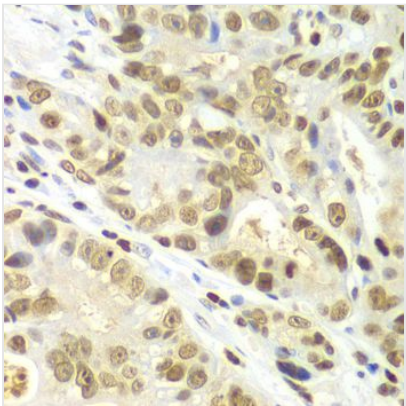
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	756
Applicable Applications for anti-ICKBKB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human IKBKB
Calculated Molecular Weight	81kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



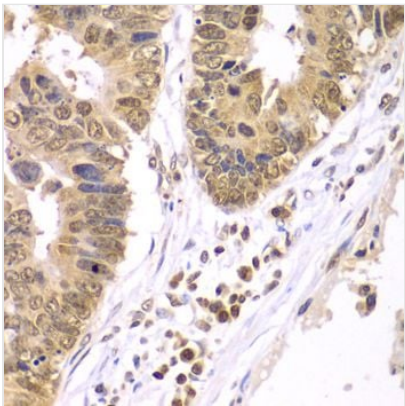
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using IKBKB antibody. Blue: DAPI for nuclear staining.



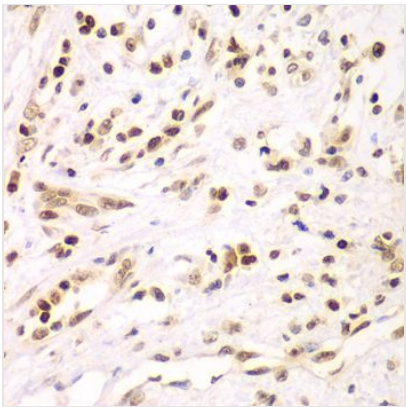
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using IKBKB antibody at dilution of 1:100 (40x lens).



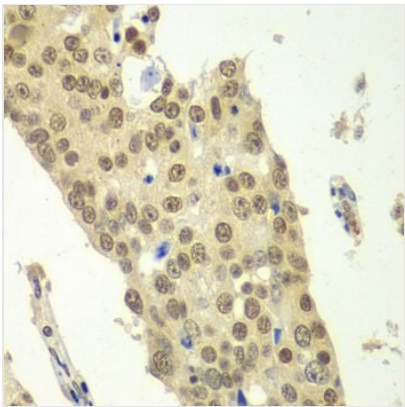
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using IKBKB antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using IKBKB antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using IKBKB antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using IKBKB antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-IKBKB antibody	The NF-kappaB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IkappaB proteins (1-3). Most agents that activate NF-kappaB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IkappaB (3-7). The key regulatory step in this pathway involves activation of a high molecular weight IkappaB kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits. IKKalpha and IKKbeta serve as the catalytic subunits of the kinase and IKKgamma serves as the regulatory subunit (8,9). Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKKbeta (Ser176 and Ser180 in IKKalpha), which causes conformational changes, resulting in kinase activation (10-13).
Product Categories/Family for anti-IKBKB antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	14285497
NCBI GeneID	3551
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	756
NCBI Official Full Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
NCBI Official Synonym Full Names	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
NCBI Official Symbol	IKBKB
NCBI Official Synonym Symbols	IKK2; IKKB; IMD15; NFKBIKB; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B inhibitor kinase beta
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Gene Name	IKBKB
UniProt Synonym Gene Names	IKKB; I-kappa-B-kinase beta; IKK-B; IKK-beta; IkBKB; IKK2; NFKBIKB
UniProt Entry Name	IKKB_HUMAN

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/ikbkb-antibody-western-blot-immunohistochemistry-elisa/10671>