

Immunotag™ Phospho-I kappaB alpha (Tyr305) Antibody

Antibody Specification	
Catalog No.	ITA1010
Product Description	Immunotag™ Phospho-I kappaB alpha (Tyr305) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-I kappaB alpha (Tyr305)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human I kappaB- alpha around the phosphorylation site of Tyrosine 305
Specificity	Phospho-I kappaB- alpha (Tyr305) Antibody detects endogenous levels of I kappaB- alpha only when phosphorylated at Tyrosine 305
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NFKBIA
Accession No.	P25963

Antibody Specification

Alternate Names	I kappa B alpha; I-kappa-B-alpha; IkappaBalpaha; Ikb-alpha; IKBA; IKBA_HUMAN; IKBalpha; MAD 3; MAD3; Major histocompatibility complex enhancer-binding protein MAD3; NF kappa B inhibitor alpha; NF-kappa-B inhibitor alpha; NFKBI; NFKBIA; Nuclear factor of kappa light chain gene enhancer in B cells; Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha;
Description	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	39kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.