Anti- IκB-α (Phospho-Tyr305) Polyclonal Antibody

 Catalog No.
 Size

 A100125-01
 50 μl

 A100125-02
 100 μl



Specificity Anti- $I\kappa B-\alpha$ (Phospho-Tyr305) (human mouse rat)

SourceRabbit PolyclonalApplicationWB ELISA IHCFormLiquid, 1 mg/ml

Pruduct

Swiss-Prot No.: P25963

Other Names: I-kappa-B-alpha; IkappaBalpha; IKBA; MAD3; Major histocompatibility complex enhancer-binding protein MAD3; NF-kappaB inhibitor alpha; NFKBI; NFKBIA; RL/IF-1

Specificity and Sensitivity

IkB- α (Phospho-Tyr305) antibody detects endogenous levels of IkB- α only when phosphorylated at tyrosine 305.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human IkB- α around the phosphorylation site of tyrosine 305 (L-P-Y^P-D-D). The antibody was affinity-purified from rabbit antiserum by

affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

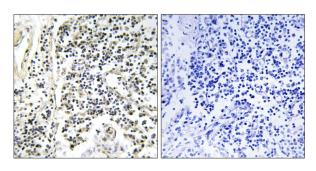
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

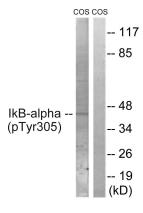
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using $l\kappa B-\alpha$ (Phospho-Tyr305) antibody.



Nocodazole + + P-peptide - +

Western blot analysis of extracts from COS7 cells, treated with nocodazole (1ug/ml, 16hours), using $I\kappa B$ - α (Phospho-Tyr305) antibody.

