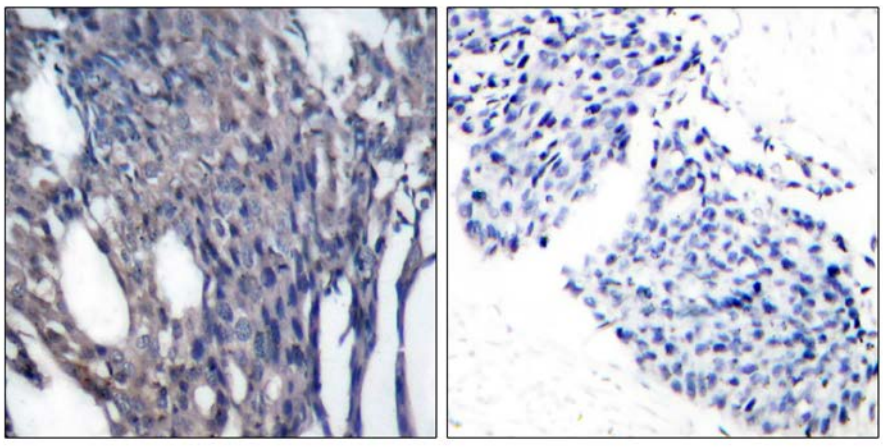
IκB-α (Phospho-Tyr42) Antibody

E011162

Catalog Number: E011162-1, E011162-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. : P25963
All Names: I-kappa-B-alpha, IKBA, IkappaBalpha, MAD3, Major histocompatibility complex enhancer-binding protein MAD3, NF-kappaB inhibitor alpha, NFKBI, NFKBIA, RL/IF-1
All Sites: Human: Tyr42; Mouse: Tyr42; Rat: Tyr42
Form of Antibody: 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/Stability: Store at -20°C/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human IκB-α around the phosphorylation site of tyrosine 42 (E-E-Y^P-E-Q).
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.
Specificity/Sensitivity: IκB-α (phospho-Tyr42) antibody detects endogenous levels of IκB-α only when phosphorylated at tyrosine 42.
Reactivity: Human, Mouse, Rat
Applications: IHC: 1:50~1:100
References:
Béraud C, et al. (1999) Proc Natl Acad Sci U S A 96(2): 429-434.
Sundström S, et al. (2005) J Virol 79(4): 2230-2239.
Liu L, et al. (1998) Mol Cell Biol 18(7): 4221-4234.
Shrivastava A, et al. (1998) J Virol 72(12): 9722-9728.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-α (phospho-Tyr42) antibody (E011162).

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