



IKK α / β (Ab-180/181) Antibody

#21532

Catalog Number: 21532-1, 21532-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Swiss-Prot No. : O15111 O14920

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 non-phosphopeptide derived from human IKK α / β around the phosphorylation site of serine 180/181 (C-T-S_P-F-V).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

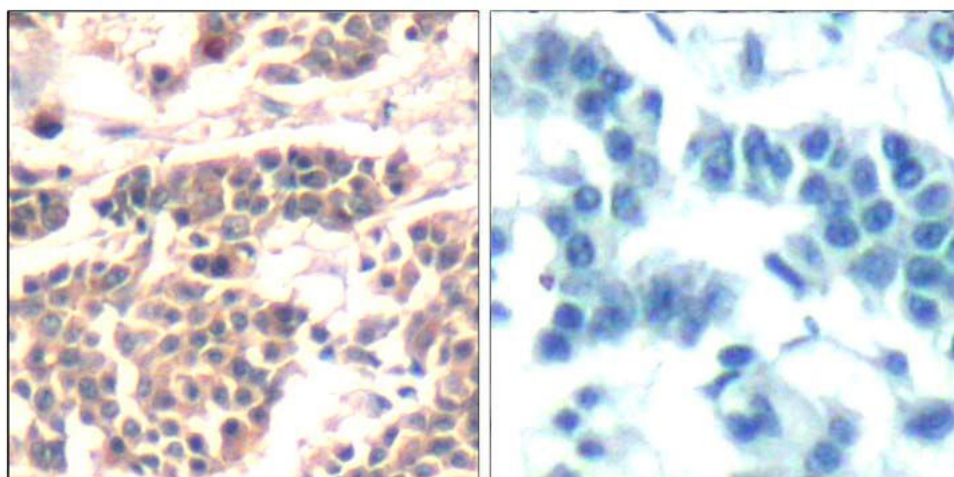
Specificity/Sensitivity: IKK α / β (Ab-180/181) Antibody detects endogenous levels of total IKK α / β protein

Reactivity: Human, Mouse

Applications:

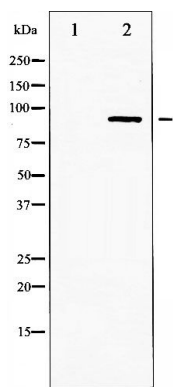
Predicted MW: 85kd

IHC: 1:50~1:100 WB: 1:500~1:1000



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IKK α / β (Ab-180/181) Antibody (#21532).



Western blot analysis of IKK- alpha/ beta phosphorylation expression in HepG2 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

IKK-beta a kinase of the IKK family. Phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Preferentially found as a heterodimer with IKK-alpha but also as an homodimer

References:

Baeuerle, P.A. and Baltimore, D. (1988) *Science* 242, 540-6.
Chen, Z.J. et al. (1996) *Cell* 84, 853-62.
Delhase, M. et al. (1999) *Science* 284, 309-13.