

**Phospho-IKK $\alpha$ -S180 polyclonal antibody**

Catalog: BS79386

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

~ 85 kDa

**Swiss-Prot:**

O15111

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB: 1:500~1:1000

IHC: 1:50~1:200

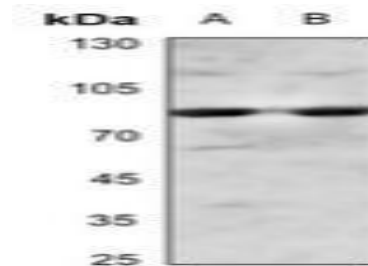
**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

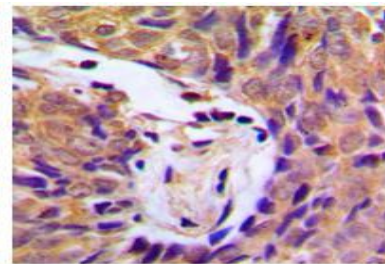
**Specificity:**

Phospho-IKK $\alpha$ -S180 polyclonal antibody detects endog-

enous levels of IKK $\alpha$  protein only when phosphorylated at Ser180.

**DATA:**

Western blot analysis of Phospho-IKK $\alpha$ -S180 expression in mouse testis (A), rat testis (B) whole cell lysates.



Immunohistochemical analysis of Phospho-IKK $\alpha$ -S180 staining in human breast cancer formalin fixed paraffin embedded tissue section.

**Note:**

For research use only, not for use in diagnostic procedure.

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