# IKKγ (H81) polyclonal antibody

Catalog: BS1843 Host: Rabbit Reactivity: Human,Mouse,Rat

## BackGround:

Activation of NFkB requires that IkB be phosphorylated on specific serine residues, which results in targeted degradation of IkB. IkB kinase α (IKKα), previously designated CHUK, interacts with IkB-α and specifically phosphorylates I˚Bα on Serine 32 and 36, the sites that trigger its degradation. IKKα appears to be critical for NFkB activation in response to proinflammatory cytokines. Phosphorylation of IkB by IKKα is stimulated by the NFkB inducing kinase (NIK), which itself is a central regulator for NFkB activation in response to TNF and IL-1. The functional IKK complex contains three subunits, IKKα, IKKβ and IKKγ (also designated NEMO), and each appear to make essential contributions to IkB phosphorylation.

## Product:

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

## Molecular Weight:

~ 42 kDa

## Swiss-Prot:

Q9Y6K9

## 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

IF: 1:50~1:200

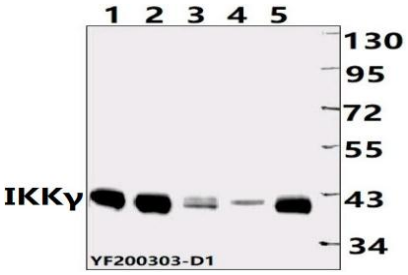
## Storage&Stability:

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

## Specificity:

IKKγ (H81) polyclonal antibody detects endogenous levels of IKKγ protein.

## DATA:




Western blot (WB) analysis of IKBKG pAb at 1:500 dilution

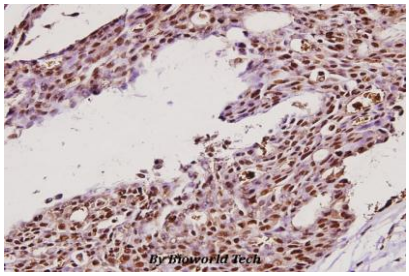
Lane1:MEF whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:H1792 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:Panc1 whole cell lysate (40ug)




Immunohistochemistry (IHC) analyzes of IKKγ (H81) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

## Note:

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

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