

IκB-ε (phospho-S22) polyclonal antibody

Catalog: BS4107

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

IκB-ε (I-kappa-B-epsilon), also known as NFKBIE (NFκB inhibitor epsilon) or IKBE, is a 500 amino acid protein that belongs to the NFκB inhibitor family. Localizing to the cytoplasm, IκB-ε is highly expressed in spleen, testis and lung, with lower levels of expression found in kidney, pancreas, heart, placenta, brain, granulocytes and macrophages. IκB-ε inhibits c-Rel and NFκB subunits p50, p52 and p65 by forming a complex with them in the cytoplasm, preventing them from activating genes in the nucleus. IκB-ε undergoes serine phosphorylation, resulting in the protein being marked for destruction via the ubiquitination pathway.

Product:

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

Molecular Weight:

~ 45 kDa

Swiss-Prot:

O00221

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:

IHC:1:50~1:200

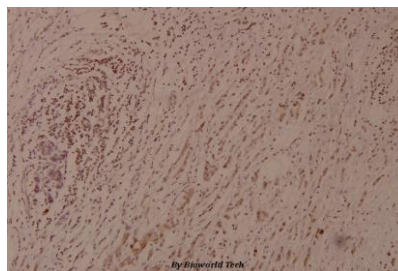
Storage&Stability:

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

Specificity:

p-IκB-ε (S22) polyclonal antibody detects endogenous levels of IκB-ε protein only when phosphorylated at Ser22

DATA:



Immunohistochemistry (IHC) analyzes of p-IκB-ε (S22) 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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