

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-IkB-ε (S22) Peptide

Cat No.: BS4107P

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.

Swiss-Prot

O00221

Applications

Blocking

Specificity

This peptide can be used with studies using BS4107 p-IκB-ε (S22) pAb.

Purification & Purity

Synthetic peptide p-IκB-ε (S22). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

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