

## CHOP (K121) polyclonal antibody

Catalog: BS1136

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

GADD153 is a small nuclear protein that is capable of dimerizing with transcription factors C/EBP alpha and beta. Once dimerized, this complex inhibits the normal binding and function of C/EBP to classical binding sites. Inversely, the C/EBP GADD153 dimer gains binding activity to other non classical C/EBP stress related targets. Under normal cellular conditions this protein is not expressed in detectable levels, but is highly unregulated during times of cellular/ER stress. Examples of GADD153 inducing stress include: treatment with tunicamycin, nutrient starvation and reducing agents that interfere with the calcium flux across the ER membrane.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 19,27 kDa

### Swiss-Prot:

P35638

### 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

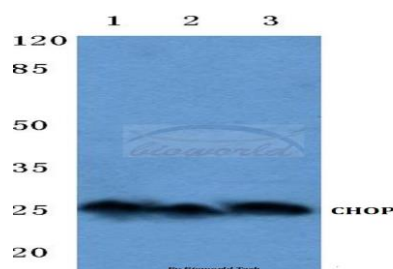
### Storage&Stability:

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

### Specificity:

CHOP (K121) polyclonal antibody detects endogenous levels of CHOP protein.

### DATA:

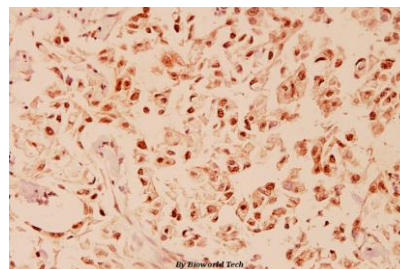


Western blot (WB) analysis of CHOP (K121) polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Raw264.7 cell lysate

Lane3:Rat liver tissue lysate



Immunohistochemistry (IHC) analyzes of CHOP (K121) 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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