CHOP (Q26) polyclonal antibody

Catalog:	BS1527	Host:	Rabbit	Reactivity:	Human,Mouse

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:

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

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:
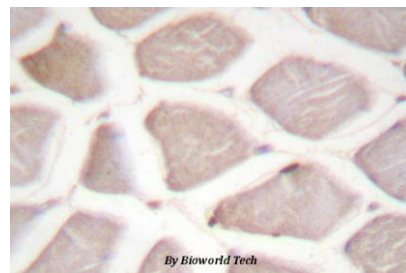
WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

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

Specificity:

CHOP (Q26) polyclonal antibody detects endogenous levels of CHOP protein.

DATA:

Immunohistochemistry (IHC) analyzes of CHOP (Q26) pAb in paraffin-embedded human skeletal muscle tissue.

Note:

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