

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### NOC2L (I634) Peptide

Cat No.: BS3150P

#### Background

GADD 153, a growth arrest and DNA damage-inducible gene, encodes a C/EBP-related nuclear protein. This protein has also been designated C/EBP-homologous protein (CHOP-10 or C/EBP zeta). GADD 153 expression is induced by a variety of cellular stresses, inducing nutrient deprivation and metabolic perturbations. GADD 153 functions to block cells in G1 to S phase during cell cycle progression and acts by dimerizing with other C/EBP proteins to direct GADD 153 dimers away from "classical" C/EBP binding sites, recognizing instead unique "nonclassical" sites. Thus, GADD 153 acts as a negative modulator of C/EBP-like proteins in certain terminally differentiated cells. GADD 153 belongs to the CBF/MAK21 family, which also includes NOC2L, NOC3L and NOC4L. NOC2L is a 749 amino acid nuclear protein that may play a role in cell cycle regulation.

#### Swiss-Prot

Q9Y3T9

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS3150 NOC2L (I634) pAb.

#### Purification & Purity

Synthetic peptide NOC2L (I634). (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.

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