

NOC3L (F447) polyclonal antibody

Catalog: BS3358

Host: Rabbit

Reactivity: Human, Mouse, Rat

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, including 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. NOC3L, also designated factor for adipocyte differentiation 24 or Fad24, promotes adipogenesis by controlling DNA replication during the early stages of mitotic clonal expansion (MCE).

Product:

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

Molecular Weight:

~ 110 kDa

Swiss-Prot:

Q8WTT2

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

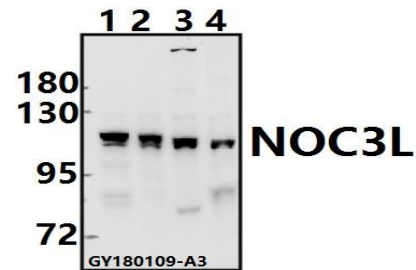
Storage&Stability:

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

Specificity:

NOC3L (F447) polyclonal antibody detects endogenous levels of NOC3L protein.

DATA:



Western blot (WB) analysis of NOC3L (F447) pAb at 1:1000 dilution

Lane1:HCT116 whole cell lysate(20ug)

Lane2:HepG2 whole cell lysate(20ug)

Lane3:AML-12 whole cell lysate(20ug)

Lane4:H9C2 whole cell lysate(40ug)

Note:

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

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