

## Product datasheet for **TA392847**

### **NOC3L Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 417-436 of Human NOC3L.
Specificity:	NOC3L (F447) polyclonal antibody detects endogenous levels of NOC3L protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 93 kDa
Gene Name:	NOC3 like DNA replication regulator
Database Link:	<a href="#">Entrez Gene 64318 Human Q8WTT2</a>

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**Background:**

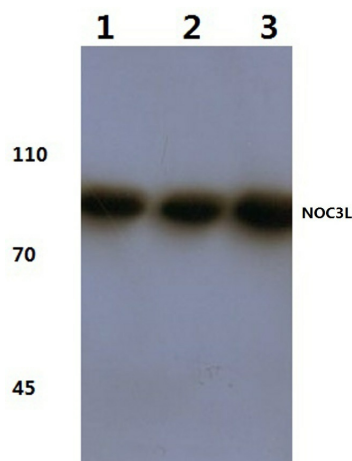
GADD 153, a growth arrest and DNA damage-inducible gene, encodes a C/EBP-related nuclear protein. This protein has also been designated C/EBP-homologous protein (CHOP-10 or C/EBP zeta). GADD 153 expression is induced by a variety of cellular stresses, inducing nutrient deprivation and metabolic perturbations. 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. 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).

**Synonyms:**

AD24; C10orf117; Factor for adipocyte differentiation 24; FAD24; NOC3 protein homolog; NOC3-like protein; NOC3L; Nucleolar complex-associated protein 3-like protein; Nucleolar complex protein 3 homolog

**Note:**

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

**Product images:**


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)