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FAD24/NOC3L Rabbit pAb

Catalog # AP97819

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8WTT2
Other Accession	Q8WTT2
Predicted	Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92548
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NOC3L/FAD24
Epitope Specificity	1-100/800
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CBF/MAK21 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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).

Additional Information

Gene ID	64318
Other Names	AD24; C10orf117; FAD24; NOC3L_HUMAN; NOC3L; NOC3 protein homolog; Factor for adipocyte differentiation 24; NOC3-like protein; Nucleolar complex-associated protein 3-like protein; NOC3 like DNA replication regulator; chromosome 10 open reading frame 117; nucleolar complex associated 3 homolog (S. cerevisiae); NOC3-like DNA replication regulator
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NOC3L
Synonyms	AD24, C10orf117, FAD24
Function	May be required for adipogenesis.
Cellular Location	Nucleus, nucleolus. Nucleus speckle.
Tissue Location	Expressed in colon, heart, kidney, liver, lung, placenta, skeletal muscle, small intestine, spleen and thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.