

For Research Use Only

DDIT4L Polyclonal antibody

Catalog Number: 12094-1-AP **2 Publications**



Basic Information

Catalog Number:

12094-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2735

GenBank Accession Number:

BC013592

GeneID (NCBI):

115265

UNIPROT ID:

Q96D03

Full Name:

DNA-damage-inducible transcript 4-like

Calculated MW:

193 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

WB : mouse ovary tissue,

Background Information

DNA-damage-inducible transcript 4-like protein(DDIT4L), encoded by the stress responsive gene REDD2, is a negative regulator of mTOR signaling, and expressed predominantly in skeletal muscle. It regulates the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Also, DDIT4L involves in oxidized low-density lipoprotein-induced macrophage death sensitivity.

Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer L Steiner	26487002	Am J Physiol Endocrinol Metab	WB
Jing Guo	27358481	J Cell Sci	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

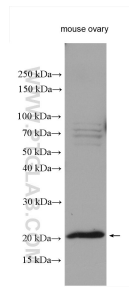
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 12094-1-AP (DDIT4L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.