DDIT4L Polyclonal antibody

Catalog Number:12094-1-AP

2 Publications

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Basic Information

Catalog Number:
12094-1-AP

Size:
150ul , Concentration: 600 μg/ml by Nanodrop;

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℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
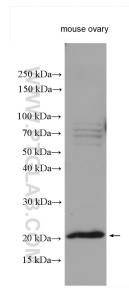**Aliquoting is unnecessary for -20°C storage**

*** 20ul sizes contain 0.1% BSA

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.