

For Research Use Only

DDIT4L Polyclonal antibody

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



Basic Information

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|---|---|--|
| Catalog Number: 12094-1-AP | GenBank Accession Number: BC013592 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 600 µg/ml by Nanodrop; | GeneID (NCBI): 115265 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | Full Name: DNA-damage-inducible transcript 4-like | |
| Isotype: IgG | Calculated MW: 193 aa, 22 kDa | |
| Immunogen Catalog Number: AG2735 | Observed MW: 22 kDa | |

Applications

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|--|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : mouse ovary tissue, |
| Cited Applications: IHC, WB | |
| Species Specificity: mouse | |
| Cited Species: mouse | |

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

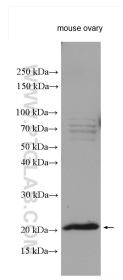
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.