

For Research Use Only

OGFOD1 Polyclonal antibody

Catalog Number: 30800-1-AP



Basic Information

Catalog Number:

30800-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34034

GenBank Accession Number:

BC032919

GeneID (NCBI):

55239

UNIPROT ID:

Q8N543

Full Name:

2-oxoglutarate and iron-dependent
oxygenase domain containing 1

Calculated MW:

542 aa, 63 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, DU 145 cells

Background Information

2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1 (OGFOD1) is a proly hydroxylase which belongs to 2-OG-Fe (II) dioxygenase family, it also namely KIAA1612 and TPA1. OGFOD1 is expressed in many tissues, mainly located in the nucleoplasm. It increased in many cancers and regulates both transcription and translation. The apparent molecular weight is larger than the calculated molecular weight of 63 kDa, which is likely due to posttranslational modification, presumably by glycosylation. (PMID:34298635 and 20579638)

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:

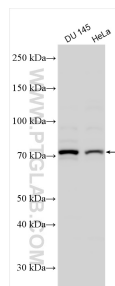
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30800-1-AP (OGFOD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.