

For Research Use Only

OGFOD1 Polyclonal antibody

Catalog Number: 30800-1-AP



Basic Information

Catalog Number: 30800-1-AP	GenBank Accession Number: BC032919	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 55239	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: 2-oxoglutarate and iron-dependent oxygenase domain containing 1	
Isotype: IgG	Calculated MW: 542 aa, 63 kDa	
Immunogen Catalog Number: AG34034	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, DU 145 cells
Species Specificity: Human	

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

*** 20ul sizes contain 0.1% BSA

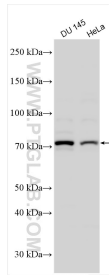
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Selected Validation Data



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.