

For Research Use Only

OGFOD2 Polyclonal antibody

Catalog Number: 21590-1-AP



Basic Information

| | | |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Catalog Number: 21590-1-AP | GenBank Accession Number: BC098293 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 750 µg/ml by Nanodrop; | GeneID (NCBI): 79676 | Recommended Dilutions: WB 1:1000-1:4000 IHC 1:250-1:1000 |
| Source: Rabbit | Full Name: 2-oxoglutarate and iron-dependent oxygenase domain containing 2 | |
| Isotype: IgG | Calculated MW: 350 aa, 39 kDa | |
| Immunogen Catalog Number: AG16164 | Observed MW: 32 kDa | |

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, human testis tissue, human skeletal muscle tissue, mouse liver tissue, rat liver tissue

IHC: mouse brain tissue, human placenta tissue

Background Information

OGFOD2 belongs to the OGFOD2 family. OGFOD2 has 4 isoforms with the molecular mass of 15, 20, 32 and 39 kDa.

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**

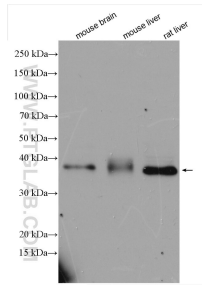
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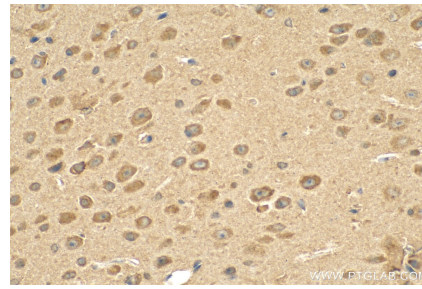
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21590-1-AP (OGFOD2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21590-1-AP (OGFOD2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).