

OGFOD1 Rabbit pAb

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Catalog # AP58841

Product Information

Application	WB
Primary Accession	Q8N543
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63246
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OGFOD1
Epitope Specificity	277-350/542
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	OGFOD1 antibody is predicted to not cross-react with other TPA1 protein family members. At least two isoforms are known to exist; this antibody will only detect the larger isoform.

Additional Information

Gene ID	55239
Other Names	Prolyl 3-hydroxylase OGFOD1, 1.14.11.-, 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1, Termination and polyadenylation 1 homolog, uS12 prolyl 3-hydroxylase, OGFOD1, KIAA1612, TPA1
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	OGFOD1
Synonyms	KIAA1612, TPA1
Function	Prolyl 3-hydroxylase that catalyzes 3-hydroxylation of 'Pro- 62' of small

ribosomal subunit uS12 (RPS23), thereby regulating protein translation termination efficiency. Involved in stress granule formation.

Cellular Location

[Isoform 1]: Cytoplasm. Nucleus. Note=Mainly nuclear. A portion relocalizes to cytoplasmic stress granules upon stress

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.