Rabbit anti-Human OGFOD1 Polyclonal Antibody | anti-OGFOD1 antibody

Rabbit anti-OGFOD1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213436	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

OGFOD1; Polyclonal Antibody; Rabbit anti-OGFOD1 Antibody; Affinity Purified; 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1; prolyl 3-hydroxylase OGFOD1; termination and polyadenylation 1 homolog; TPA1; termination and polyadenylation 1; homolog; uS12 prolyl 3-hydroxylase; Prolyl 3-hydroxylase OGFOD1; 2-oxoglutarate and iron dependent oxygenase domain containing 1; anti-OGFOD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-OGFOD1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human OGFOD1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-OGFOD1 antibody (AAA213436 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

IP (Immunoprecipitation)
Detection of human OGFOD1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-OGFOD1 antibody (AAA213436 lot 1) used for IP at 1 ug per reaction. OGFOD1 was also immunoprecipitated by rabbit anti-OGFOD1 antibody For blotting immunoprecipitated OGFOD1, AAA213436 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-OGFOD1 antibody	OGFOD1 is a 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. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8N543].

Product Categories/Family for anti-OGFOD1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	94536836
NCBI GeneID	55239
NCBI Accession #	NP_060703.3
NCBI GenBank Nucleotide #	NM_018233.3
UniProt Accession #	Q8N543; Q9H7U5; Q9H9J9; Q9HA87; Q9HCG0; Q9NVB6; H3BUQ2
Molecular Weight	46,861 Da
NCBI Official Full Name	prolyl 3-hydroxylase OGFOD1
NCBI Official Synonym Full Names	2-oxoglutarate and iron-dependent oxygenase domain containing 1
NCBI Official Symbol	OGFOD1
NCBI Official Synonym Symbols	TPA1
NCBI Protein Information	prolyl 3-hydroxylase OGFOD1; termination and polyadenylation 1 homolog; TPA1, termination and polyadenylation 1, homolog; 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1
UniProt Protein Name	Prolyl 3-hydroxylase OGFOD1
UniProt Gene Name	**OGFOD1**
UniProt Synonym Gene Names	KIAA1612; TPA1
UniProt Entry Name	OGFD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ogfod1-antibody-immunoprecipitation-western-blot-elisa/213436