

OGFOD1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14760**Specification**

OGFOD1 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q8N543
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63kDa KDa

OGFOD1 Antibody (C-Terminus) - 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, OGFOD1, KIAA1612, TPA1

Target/Specificity

Human OGFOD1. 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.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

OGFOD1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

OGFOD1 Antibody (C-Terminus) - 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

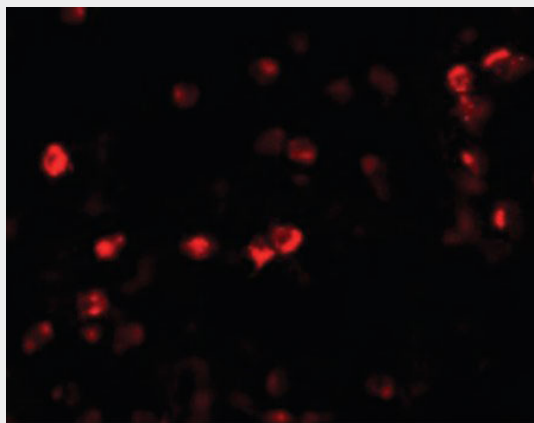
[Isoform 1]: Cytoplasm. Nucleus. Note=Mainly nuclear. A portion relocalizes to cytoplasmic stress granules upon stress

OGFOD1 Antibody (C-Terminus) - Protocols

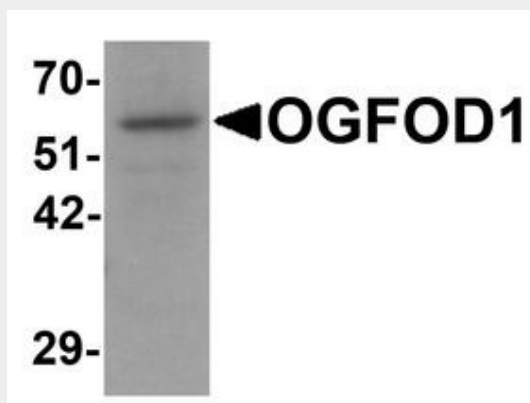
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

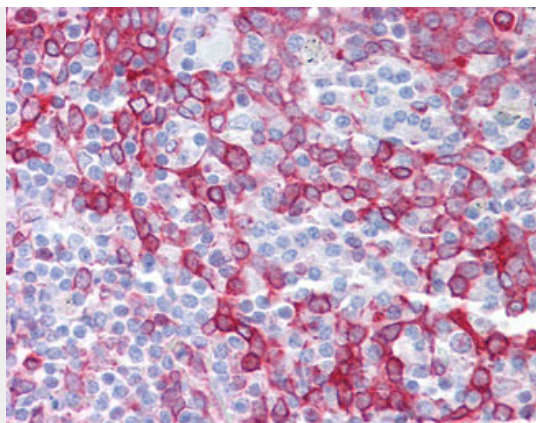
OGFOD1 Antibody (C-Terminus) - Images



Immunofluorescence of OGFOD1 in Daudi cells with OGFOD1 antibody at 20 ug/ml.



Western blot analysis of OGFOD1 in Daudi cell lysate with OGFOD1 antibody at 1 ug/ml.



Anti-OGFOD1 antibody IHC of human tonsil.

OGFOD1 Antibody (C-Terminus) - Background

Prolyl 3-hydroxylase that catalyzes 3-hydroxylation of 'Pro-62' of small ribosomal subunit RPS23, thereby regulating protein translation termination efficiency. Involved in stress granule formation.

OGFOD1 Antibody (C-Terminus) - References

- Nagase T.,et al.DNA Res. 7:273-281(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Martin J.,et al.Nature 432:988-994(2004).
Saito K.,et al.FEBS Lett. 584:3340-3347(2010).
Wehner K.A.,et al.Mol. Cell. Biol. 30:2006-2016(2010).