

Anti-OGFOD2 Antibody

Catalog Number: A16867

About OGFOD2

OGFOD2 is a member of the 2-OG-Fe(II) dioxygenase family which plays an important role in ischemic survival and stress. Like the related protein OGFOD1, OGFOD2 is an oxidoreductase containing a Prolyl 4-hydroxylase alpha subunit. Little is known about the function of OGFOD2, but its similarity to OGFOD1 suggests that it is a novel stress granule component that may play an important proapoptotic role in the regulation of translation and HRI-mediated phosphorylation of eIF2alpha in cells.

Overview

Product Name	Anti-OGFOD2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-OGFOD2 Antibody (Catalog # A16867). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	OGFOD2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	OGFOD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6N063

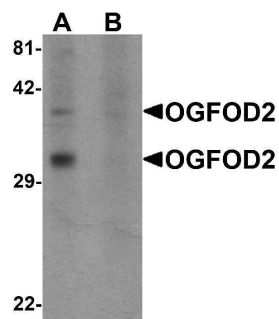
Technical Details

Immunogen	OGFOD2 antibody was raised against a 17 amino acid synthetic peptide near the center of human OGFOD2. The immunogen is located within amino acids 140 - 190 of OGFOD2.
Predicted Reactive Species	Bovine, Pig
Cross Reactivity	OGFOD2 antibody is predicted to not cross-react with other TPA1 protein family members. At least three isoforms are known to exist; this antibody will only detect the two larger isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	OGFOD2 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

OGFOD2 antibody can be used for detection of OGFOD2 by Western blot at 1 ug/mL.
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-OGFOD2 Antibody (A16867) Images



Western blot analysis of OGFOD2 in 293 cell lysate with OGFOD2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

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