BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Prolyl 3-hydroxylase OGFOD1 OGFOD1 Antibody

Catalog Number: A09074

About OGFOD1

OGFOD1, a member of the 2-OG-Fe(II) dioxygenase family, plays an important role in ischemic survival and stress. It is an oxidoreductase containing a Prolyl 4-hydroxylase alpha subunit. An OGFOD1 iron binding residue is required for ATPAF1 gene expression. As a novel stress granule component, OGFOD1 plays important proapoptotic roles in the regulation of translation and HRI-mediated phosphorylation of eIF2alpha in cells.

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Overview

Product Name	Anti-Prolyl 3-hydroxylase OGFOD1 OGFOD1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Prolyl 3-hydroxylase OGFOD1 OGFOD1 Antibody (Catalog # A09074). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	OGFOD1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	OGFOD1 antibody can be stored at 4°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	Q8N543

Technical Details

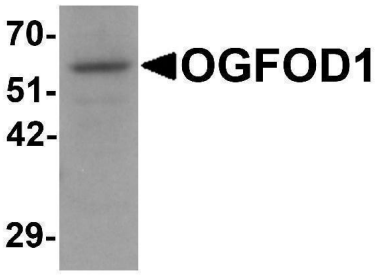
Immunogen	OGFOD1 antibody was raised against a 18 amino acid synthetic peptide near the carboxy terminus of human OGFOD1. The immunogen is located within the first 50 amino acids of OGFOD1.
Predicted Reactive Species	Bovine
Cross Reactivity	OGFOD1 antibody is predicted to not cross-react with other TPA1 protein family members. At least two isoforms are known to exist; this antibody will only detect the larger isform.

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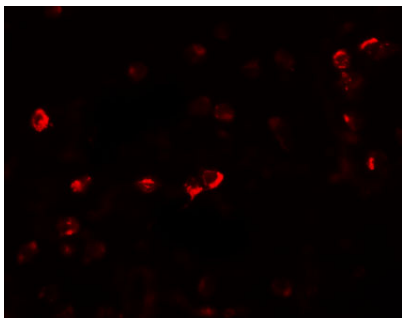
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	OGFOD1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	OGFOD1 antibody can be used for detection of OGFOD1 by Western blot at 1 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Prolyl 3-hydroxylase OGFOD1 OGFOD1 Antibody (A09074) Images



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



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

Anti-Prolyl 3-hydroxylase OGFOD1 OGFOD1 Antibody

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