

Rabbit BBOX1 Polyclonal Antibody | anti-BBOX1 antibody

BBOX1 antibody

CATALOG # AAA107581	HOST Rabbit	APPLICATIONS Western Blot
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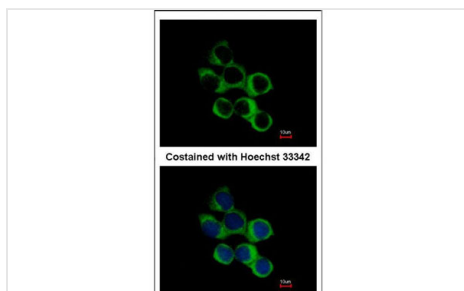
PRODUCT SYNONYMS

BBOX1; Polyclonal Antibody; BBOX1 antibody; Polyclonal BBOX1; Anti-BBOX1; BBOX 1; BBOX-1; BBH; gamma-butyrobetaine 2-oxoglutarate dioxygenase 1; gamma-BBH; gamma-butyrobetaine hydroxylase; G-BBH; BBOX; anti-BBOX1 antibody

PRODUCT SPECIFICATIONS

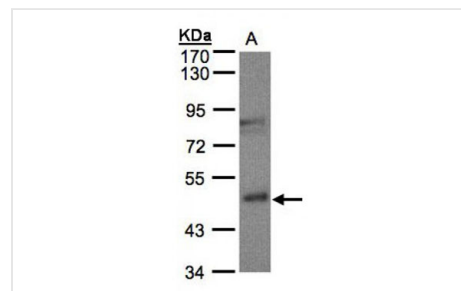
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BBOX1 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.76 mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-BBOX1 antibody	WB (Western Blot)
Biological Significance	This gene encodes gamma butyrobetaine hydroxylase which catalyzes the formation of L-carnitine from gamma-butyrobetaine, the last step in the L-carnitine biosynthetic pathway. Carnitine is essential for the transport of activated fatty acids across the mitochondrial membrane during mitochondrial beta-oxidation.
Cross-Reactivity	Human, Mouse
Immunogen	BBOX1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 293 of BBOX1
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



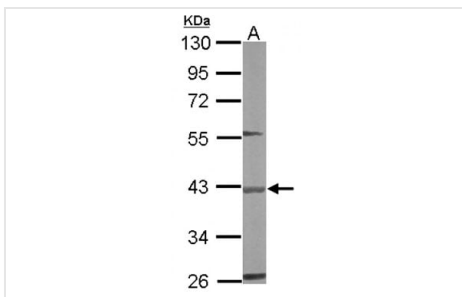
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using BBOX1 antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:MOLT4) using a 7.5 % SDS PAGE gel and BBOX1 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse liver) using a 10 % SDS PAGE gel and BBOX1 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-BBOX1 antibody	Affinity purified Rabbit polyclonal BBOX1 antibody
Product Categories/Family for anti-BBOX1 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145741
NCBI GeneID	8424
UniProt Accession #	O75936; Q6IBJ2; B2R8L7; D3DQZ1
Molecular Weight	45 kDa
NCBI Official Full Name	BBOX1
NCBI Official Synonym Full Names	butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1
NCBI Official Symbol	BBOX1
NCBI Official Synonym Symbols	BBH; BBOX; G-BBH; gamma-BBH
NCBI Protein Information	gamma-butyrobetaine dioxygenase
UniProt Protein Name	Gamma-butyrobetaine dioxygenase
UniProt Gene Name	BBOX1
UniProt Synonym Gene Names	BBH; BBOX; Gamma-BBH
UniProt Entry Name	BODG_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/bbox1-antibody-western-blot-elisa/107581>