

Rabbit BBOX1 Polyclonal Antibody | anti-BBOX1 antibody

BBOX1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175234	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

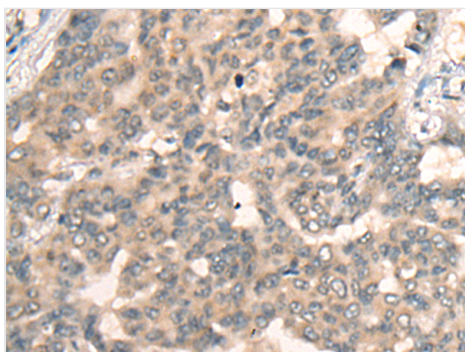
PRODUCT SYNONYMS

BBOX1; Polyclonal Antibody; BBOX1 Polyclonal Antibody; 2-oxoglutarate dioxygenase; BBH; BBOX 1; BBOX; Bbox1; BODG; Butyrobetaine (gamma) 2 oxoglutarate dioxygenase (gamma butyrobetaine hydroxylase) 1; G BBH; Gamma BBH; Gamma butyrobetaine 2 oxoglutarate dioxygenase 1; Gamma butyrobetaine dioxygenase; Gamma butyrobetaine hydroxylase; Gamma-BBH; Gamma-butyrobetaine; Gamma-butyrobetaine dioxygenase; Gamma-butyrobetaine hydroxylase; anti-BBOX1 antibody

PRODUCT SPECIFICATIONS

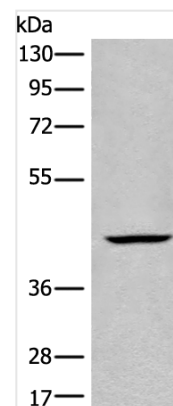
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	387
Applicable Applications for anti-BBOX1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human BBOX1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BBOX1 Polyclonal Antibody at dilution of 1:45(×200)



WB (Western Blot)

Western blot analysis of Human kidney tissue lysate using BBOX1 Polyclonal Antibody at dilution of 1:650

ADDITIONAL INFORMATION

Related Product Information for anti-BBOX1 antibody	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.
Product Categories/Family for anti-BBOX1 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5915798
NCBI GeneID	8424
UniProt Accession #	O75936
Molecular Weight	45 kDa
NCBI Official Full Name	Gamma-butyrobetaine dioxygenase
NCBI Official Synonym Full Names	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-immunohistochemistry-western-blot-elisa/175234>