

Rabbit anti-Human BCO1 Polyclonal Antibody | anti-BCO1 antibody

BCO1 Antibody

CATALOG # AAA229506	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

BCO1; Polyclonal Antibody; BCO1 Antibody; Beta; beta-carotene 15; 15'-monooxygenase; Beta-carotene dioxygenase 1; Beta-carotene oxygenase 1; anti-BCO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	547
Applicable Applications for anti-BCO1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Beta,beta-carotene 15,15'-monooxygenase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163736
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA229506 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA229506 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-BCO1 antibody	Symmetrically cleaves beta-carotene into two molecules of retinal. The reaction proceeds in three stages, epoxidation of the 15,15'-double bond, hydration of the double bond leading to ring opening, and oxidative cleavage of the diol formed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74027270
NCBI GeneID	53630
NCBI Accession #	NP_059125.2
NCBI GenBank Nucleotide #	NM_017429.2
UniProt Accession #	Q9HAY6; Q9NVH5; A0AV48; A0AV50
Molecular Weight	62,637 Da
NCBI Official Full Name	beta,beta-carotene 15,15'-dioxygenase
NCBI Official Synonym Full Names	beta-carotene oxygenase 1
NCBI Official Symbol	BCO1
NCBI Official Synonym Symbols	BCO; BCDO; BCMO; BCDO1; BCMO1
NCBI Protein Information	beta,beta-carotene 15,15'-dioxygenase
UniProt Protein Name	Beta,beta-carotene 15,15'-dioxygenase
UniProt Gene Name	BCO1
UniProt Entry Name	BCDO1_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/bco1-antibody-immunohistochemistry-elisa/229506>