

Rabbit Beta-Carotene-15,15'-Monooxygenase 1 Polyclonal Antibody | anti-bCMO1 antibody

Beta-Carotene-15,15'-Monooxygenase 1 (bCMO1) Polyclonal Antibody

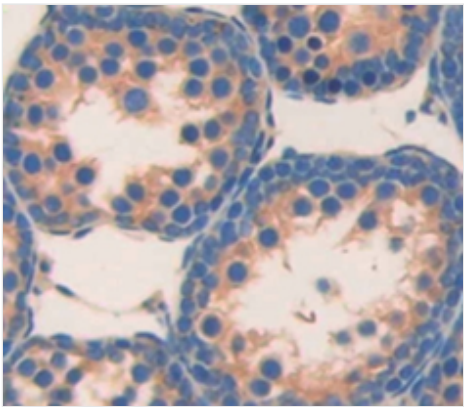
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145228	Rabbit	Human, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

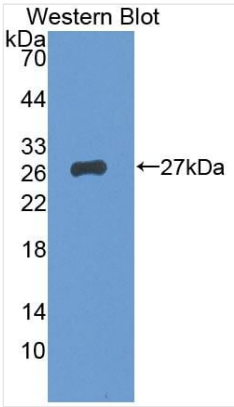
Beta-Carotene-15; 15'-Monooxygenase 1; Polyclonal Antibody; 15'-Monooxygenase 1 (bCMO1) Polyclonal Antibody; BCO1; BCDO; BCDO1; BCMO; Beta-carotene dioxygenase 1; Beta-carotene oxygenase 1; Beta; beta-carotene 15; 15'-monooxygenase; anti-bCMO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against bCMO1. It has been selected for its ability to recognize bCMO1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-bCMO1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	bCMO1 (Gly6~Pro206)
Quality Control	Content: The quality control contains recombinant bCMO1 (Gly6~Pro206) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemistry)
DABstainingonIHC-P.Samples:HumanTissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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

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.