10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCMO1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15065

Specification

BCMO1 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q9HAY6
Other Accession	NM_017429, NP_059125
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**63kDa KDa**

BCMO1 antibody - C-terminal region - Additional Information

Gene ID 53630

Alias Symbol **BCDO, BCDO1, BCMO, BCO, BCO1, FLJ10730**

Other Names
Beta, beta-carotene 15, 15'-monooxygenase, 1.14.99.36, Beta-carotene dioxygenase 1, Beta-carotene oxygenase 1 {ECO:0000312|HGNC:HGNC:13815}, BCO1 (HGNC:13815)

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-BCMO1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
BCMO1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

BCMO1 antibody - C-terminal region - Protein Information

Name BCO1 (HGNC:13815)

Function
Symmetrically cleaves beta-carotene into two molecules of retinal using a dioxygenase mechanism.

Cellular Location
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9I993}

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

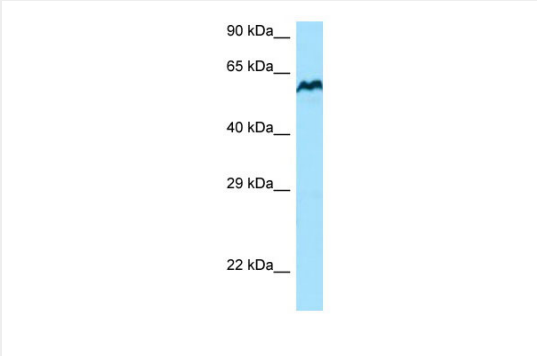
Tissue Location
Highly expressed in retinal pigment epithelium. Also expressed in kidney, testis, liver, brain, small intestine and colon.

BCMO1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BCMO1 antibody - C-terminal region - Images



Host: Rabbit
Target Name: BCMO1
Sample Tissue:A549 cell lysate
s
Antibody Dilution: 1.0µg/mlBCMO1 is supported by BioGPS gene expression data to be expressed in A549

BCMO1 antibody - C-terminal region - References

Yan W.,et al.Genomics 72:193-202(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lindqvist A.,et al.J. Nutr. 137:2346-2350(2007).