

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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=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}

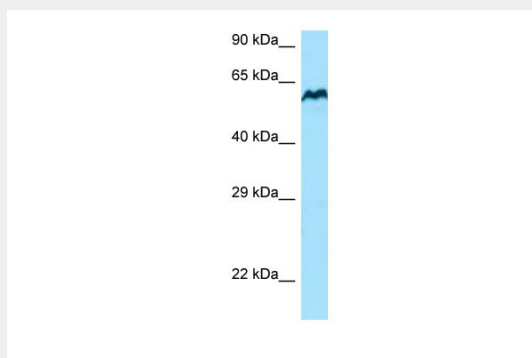
Tissue Location

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 Cytometry](#)
- [Cell Culture](#)

BCMO1 antibody - C-terminal region - Images

Host: Rabbit

Target Name: BCMO1

Sample Tissue: A549 cell lysate

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Antibody Dilution: 1.0 µg/ml BCMO1 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).