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

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9HAY6 |
| **Other Accession** | NM_017429, NP_059125 |
| **Reactivity** | Human |
| **Predicted** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 62637 |

## Additional Information

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|---|---|
| **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. |

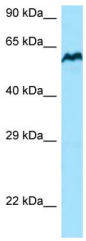
## Protein Information

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|---|---|
| **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. |

## 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).

## Images




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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.