

# BCO2 Rabbit pAb

Catalog No.: A5034

## Basic Information

---

### Observed MW

65kDa

### Calculated MW

66kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

---

This gene encodes an enzyme which oxidizes carotenoids such as beta-carotene during the biosynthesis of vitamin A. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

---

WB 1:500 - 1:2000

## Immunogen Information

---

### Gene ID

83875

### Swiss Prot

Q9BYV7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 170-410 of human BCO2 (NP\_001243327.1).

### Synonyms

BCDO2; B-DIOX-II; BCO2

## Contact

---

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

---

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

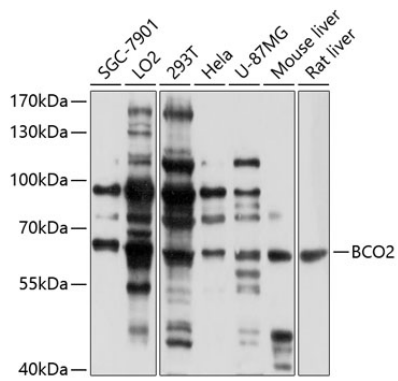
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of extracts of various cell lines, using BCO2 antibody (A5034) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.