



Datasheet for ABIN7265877
anti-BCMO1 antibody (AA 268-547)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BCMO1
Binding Specificity:	AA 268-547
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCMO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	BCMO1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 268-547 of human BCMO1 (NP_059125.2).
Sequence:	MSWASCLAFH REEKTYIHII DQRTRQPVQT KFYTDAMVVF HHVNAYEEDG CIVFDVIAYE DNSLYQLFY ANLNQDFKEN SRLTSVPTLR RFAVPLHVDK NAEVGTNLIK VASTTATALK EEDGQVYCQP EFLYEGLELP RVNYAHNGKQ YRYVFATGVQ WSPIPTKIIK YDILTKSSLK WREDDCWPAE PLFVPAGAK DEDDGVILSA IVSTDPQKLP FLLILDAKSF TELARASVDV DMHMDLHGLF ITDMDWDTKK QAASEEQRDR ASDCHGAPLT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: BCMO1

Alternative Name: BCMO1 ([BCMO1 Products](#))

Background: Vitamin A metabolism is important for vital processes such as vision, embryonic development, cell differentiation, and membrane and skin protection. The protein encoded by this gene is a key enzyme in beta-carotene metabolism to vitamin A. It catalyzes the oxidative cleavage of beta,beta-carotene into two retinal molecules.,BCO1,BCDO,BCDO1,BCMO,BCMO1,BCO,Cancer,Signal Transduction,Endocrine & Metabolism,BCMO1

Molecular Weight: 62kDa

Gene ID: 53630

UniProt: [Q9HAY6](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

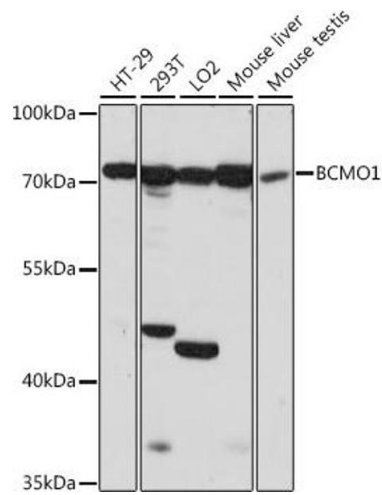
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BCMO1 antibody (ABIN7265877) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.