

MaxPab®

BCMO1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00053630-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human BCMO1 protein.
Immunogen	BCMO1 (ADR83052.1, 1 a.a. ~ 547 a.a) full-length human protein.
Sequence	MDIIFGRNRKEQLEPVRAKVTGKIPAWLQGTLLRNGPGMHTVGESRYNHWFDGLALLHSFTIRDGE VYYRSKYLRSDTYNTNIEANRMVSEFGTMAYDPCKNIFSKAFSYLSHTIPDFTDNCLINIMKCGEDF YATSETNYIRKINPQTLETLEKVDYRKYVAVNLATSHPHYDEAGNVLMGTSVEKGKTKYVIFKIPAT VPEGKKQGKSPWKHTEVFCSPSRLLSPSYHSFGVTENYVIFLEQPFRLDILKMATAYIRSMW ASCLAFHREEKTYHIIDQRTRQPVQTKFYTDAMVVFHHVNAYEEDGCIVFDVIAVEDNSLYQLFYLA NLNQDFKENSRLTSVPTLRRFAVPLHVDKNAEVGTNLKIVASTTATALKEEDGQVYCQPEFLYEG LELPRVNYAHNGKQYRYVFATGVQWSP IPTKIIKYDILTKSSLKWREDDCWPAEPLFVPAPGAKDE DDGVILSAVSTDPQKLPFLLLDAKSFTELARASVDVDMHMDLHGLFITDMDWDTKKQAASEEQR DRASDCHGAPLT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — BCMO1

Entrez GeneID [53630](#)**GeneBank Accession#** [HQ258298.1](#)**Protein Accession#** [ADR83052.1](#)**Gene Name** BCMO1**Gene Alias** BCDO, BCDO1, BCMO, BCO, BCO1, FLJ10730**Gene Description** beta-carotene 15,15'-monooxygenase 1**Omim ID** [605748](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations beta-carotene 15, 15'-dioxygenase 1|beta-carotene 15, 15'-monooxygenase 1

Pathway

- [Metabolic pathways](#)
- [Retinol metabolism](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)