

DNAXPAb

Hard-to-Find
Antibody

BCMO1 DNAXPab

Catalog # H00053630-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BCMO1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDIIFGRNRKEQLEPVRAKVTGKIPAWLQGTLLRNGPGMHTVGESRYNHWFDGLALLHSFTIRDGE VYYRSKYLRSDTYNTNIEANRNVSEFGTMAYPDPCKNIFSKAFSYLSHTIPDFTDNCLINIMKCGEDF YATSETNYIRKINPQTLETLEKVDYRKYVAVNLATSHPHYDEAGNVLMGTSIVEKGKTKYVIFKIPAT VPEGKKQGKSPWKHTEVFCSIPSRLLSPSYHSGFVTENYVIFLEQPFRLDILKMATAYIRMSW ASCLAFHREEKTYIHIDQRTRQPVQTKFYTDAMVVFHHVNAYEEDGCMFDVIAVEDNSLYQLFYLA NLNQDFKENSRLTSVPTLRRFAVPLHVDKNAEVGTNLKIVASTTATALKEEDGQVYCQPEFLYEG LELPRVNYAHNGKQYRYVFATGVQWSPIPTKIICYDILTKSSLKWREDDCWPAEPLFVPAPGAKDE DDGVILSAVSTDPQKLPFLILDAKSFTELARASVDVDMHMDLHGLFITDMDWDTKKQAASEEQR DRASDCHGAPLT
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)