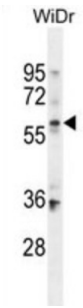
Beta-Carotene Oxygenase 1 (BCO1) Antibody

Catalogue No.:abx025732



WB analysis of WiDr cell line lysates (35 µg/lane), using BCMO1 antibody.

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.

Target:	Beta-Carotene Oxygenase 1 (BCO1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 263-292 amino acids from the Central region of human BCMO1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9HAY6 (UniProt, ExPASy)
Gene Symbol:	BCO1

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GeneID:	53630
HGNC:	13815
KEGG:	hsa:53630
String:	9606.ENSP00000258168
Molecular Weight:	Calculated MW: 62.6 kDa
Buffer:	PBS containing 0.09% sodium azide.
Concentration:	0.4 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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