

BCO2 antibody

Product Information

Catalog No.:	FNab00852
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

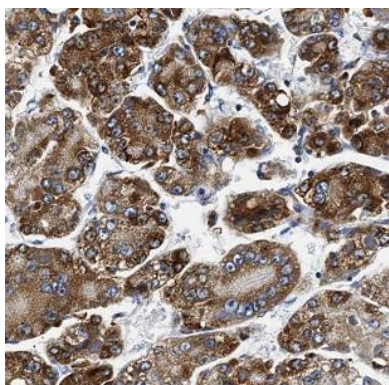
Asymmetrically cleaves beta-carotene at the 9',10' double bond resulting in the formation of beta-apo-10'-carotenal and beta-ionone. Besides beta-carotene, lycopene is also oxidatively cleaved. The apocarotenals formed by this enzyme may be the precursors for the biosynthesis of retinoic acid or exert unknown physiological effects.

Immunogen information

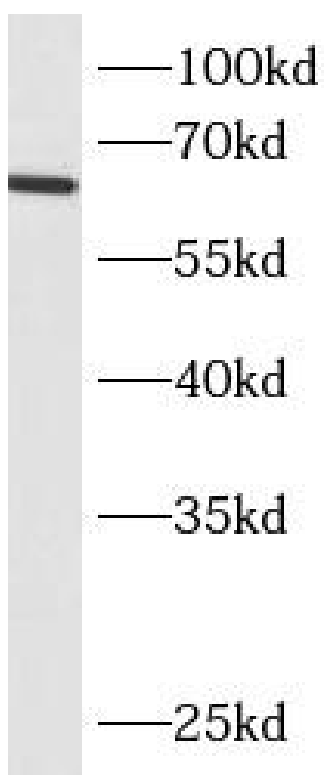
Immunogen:	beta-carotene oxygenase 2
Synonyms:	Carotenoid-cleaving dioxygenase, mitochondrial B-diox-II Beta,beta-carotene 9',10'-oxygenase Beta-carotene dioxygenase 2 BCO2 BCDO2
Observed MW:	60-65 kDa
Uniprot ID :	Q9BYV7

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human liver cancer using FNa00852(BCO2 antibody) at dilution of 1:50



L02 cells were subjected to SDS PAGE followed by western blot with FNa00852(BCO2 antibody) at dilution of 1:800