

Product datasheet for **AP50352PU-N**

BCO2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 71-100 amino acids from the N-terminal region of human BCDO2
Specificity:	This antibody reacts to BCDO2.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	beta-carotene oxygenase 2
Database Link:	Entrez Gene 170752 Mouse Entrez Gene 83875 Human Q9BYV7

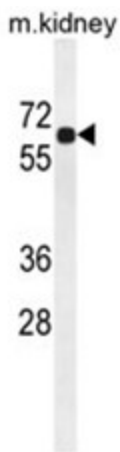


Background: BCDO2 catalyzes the asymmetric oxidative cleavage of beta-carotene in carotene metabolism (Kiefer et al., 2001 [PubMed 11278918]).

Synonyms: B-diox-II, Beta-carotene dioxygenase 2

Note: **Molecular Weight:** 65674 Da

Product images:



BCDO2 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the BCDO2 antibody detected the BCDO2 protein (arrow).