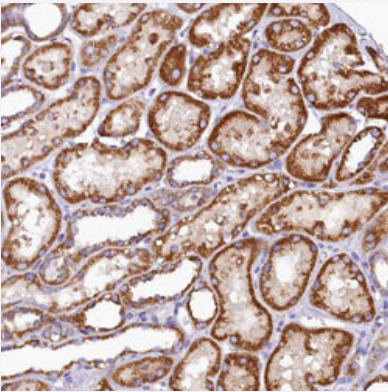


BCO2 polyclonal antibody

Catalog # PAB23682 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney shows strong cytoplasmic positivity in renal tubules.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant BCO2.
Immunogen	Recombinant protein corresponding to amino acids of human BCO2.
Sequence	VDFLPVMVHRLPVFKRYMGNT PQKAVFGQCRGLPCVAPLLTTVEEAPRGISARVWGHFPKWL NGSLLRIGPGKFEFGKDKYNHW
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney shows strong cytoplasmic positivity in renal tubules.

Gene Info — BCO2

Entrez GeneID[83875](#)**Protein Accession#**[Q9BYV7](#)**Gene Name**

BCO2

Gene Alias

B-DIOX-II, BCDO2, FLJ34464

Gene Description

beta-carotene oxygenase 2

Gene Ontology[Hyperlink](#)**Gene Summary**

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

Other Designations

b,b-carotene-9',10'-dioxygenase|beta,beta-carotene 9',10'-dioxygenase variant 1|beta-carotene 9',10' oxygenase|beta-carotene dioxygenase 2

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)