

DNAxPAb

Hard-to-Find
Antibody

GOT2 DNAxPAb

Catalog # H00002806-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GOT2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MALLHSGRVLPGIAAAFHPGLAAAASARASSWWTHVEMGPPDPILGVTEAFKRDTNSKKMNLGV GAYRDDNGKPYVLP SVRKAEAQIAAKNLDKEYLPIGGLAEFCKASAELALGENSEVLKSGRFVTV QTISGTGALRIGASFLQRFFKF SRDVF LPKPTWGNHTPIFRDAGMQLQGYRYDPKTCGFDFTGAV EDISKIQEQSVLLLHACAHNPTGVDPRPEQWKEIATVVKRNLF AFFDMAYQGFASGDGDKDAW AVRHFIEQGINVCLCQSYAKNMGLYGERVGAFTMVCKDADEAKRVESQLKILIRPMYSNPPLNGA RIAAAILNTPDLRKQWLQEVKVMADRIIGMRTQLVSNLKKEGSTHNWQHITDQIGMFCFTGLKPEQ VERLIKEFSYMTKDGRISVAGVTSSNVGYLAHAIHQATK
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 — GOT2

Entrez GeneID	2806
GeneBank Accession#	BC000525
Protein Accession#	AAH00525.1
Gene Name	GOT2
Gene Alias	FLJ40994, KAT4, KATV, mitAAT
Gene Description	glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)
Omim ID	138150
Gene Ontology	Hyperlink
Gene Summary	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. [provided by RefSeq]
Other Designations	aspartate aminotransferase 2 kynurenine aminotransferase IV

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Cysteine and methionine metabolism](#)
- [Isoquinoline alkaloid biosynthesis](#)

- [Metabolic pathways](#)
- [Novobiocin biosynthesis](#)
- [Phenylalanine](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)