

DNAXPAb

Hard-to-Find
Antibody

ODC1 DNAXPab

Catalog # H00004953-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ODC1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MNFGNEEFDCHFLDEGFTAKDILDQKINEVSSSDDKDAFYVADLGDILKKHLRWLKA
LPRTVFYAVKCNDSKAMVKTAAATGTGFDCASTEIQLVQSLGVPPERIIYANPCKQVSQIKYAANNGVQMMT
FDSEVELMKVARAHPKAKLVLRATDDSKAVCRLSVKFGATLRTRSLLERAKELNIDVVGVSFHV
GSGCTDPETFVQAISDARCVFDMGAEVGFSMYLLDIGGGFPGSEDKLKFEETGVINPALDKYFP
SDSGVRIAEPRYYVASAFTLAVNIAKKMLKEQTGSDDDESESEQTFMYVNDGVYGSFNCILYD
HAHVKPLLQKRPKPDEKYYSSSIWGPTCDGLDRMERCPLPEMHVGDWMLFENMGAYTVAAAST
FNGFQRPTIYYMSGPAWQLMQQFQNPDPPEVEEQDASTLPVSCAWESGMKRHRAACASASIN
V

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 — ODC1

Entrez GeneID [4953](#)

GeneBank Accession# [NM_002539.1](#)

Protein Accession# [NP_002530.1](#)

Gene Name ODC1

Gene Alias ODC

Gene Description ornithine decarboxylase 1

Omim ID [114500 165640](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyze s ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter. [provided by RefSeq]

Other Designations -

Pathway

- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenoma](#)

- [Adenomatous Polyposis Coli](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Recurrence](#)
- [Precancerous Conditions](#)
- [Recurrence](#)
- [Stomach Neoplasms](#)