

DNAxPAb

Hard-to-Find  
Antibody

# CYP4X1 DNAxPab

Catalog # H00260293-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human CYP4X1 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                | MEFSWLETRWARPFYLAFFVFCALGLLQAIKLYLRRQRLRLRPFAPPTHWFLGHQKFIQDDN<br>MEKLEEIEKYPRAFPFWIGPFQAFFCYDPDYAKTLLSRTPKSQYLQKFSPPLLGKGLAALDGPK<br>WFQHRLLTPGFHFNLKAYIEVMAHSVMMMLDKWEKICSTQDTSVEVYEHINSMSLDIIMKCAFSK<br>ETNCQTNSTHDPYAKAIFELSKIIFHRLYSLLYHSDIIFKLSPQGYRFQKLSRVLNQYTDTIQERKKSL<br>QAGVKQDNTPKRKYQDFLDMLSAKDESGSSFSDIDVHSEVSTFLLAGHDTLAASISWILYCLALN<br>PEHQERCREEVRGILGDGSSITWDQLGEMSYTMCIKETCRLIPAVPSISRDLKPLTFPDGCTLP<br>AGITVVLWGLHHNPVWKNPKVFDPLRFSQENSDQRHPYAYLPFSAGSRNCIGQEFAMIELKVT<br>IALILLHFRVTPDPTPLTFPNHFILKPKNGMYLHLKKLSEC |
| 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 — CYP4X1

**Entrez GeneID** [260293](#)

**GeneBank Accession#** [NM\\_178033.1](#)

**Protein Accession#** [NP\\_828847.1](#)

**Gene Name** CYP4X1

**Gene Alias** MGC40051

**Gene Description** cytochrome P450, family 4, subfamily X, polypeptide 1

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

**Gene Summary** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. [provided by RefSeq]

**Other Designations** OTTHUMP00000009712