

DNAxPAb

Hard-to-Find
Antibody

CYP2A13 DNAxPAb

Catalog # H00001553-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CYP2A13 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MLASGLLLVTLLACLTVMLMSVWRQRKSRGKLPPGPTPLPFIGNYLQLNTEQMYNSLMKISERYG
PVFTIHLGPRRVVVLGHDVKEALVDQAEFSGRGEQATFDWLFKGYGVAFSNGERAKQLRRF
SIATLRGFGVGKRGIEERIQEEAGFLIDALRGTHGANIDPTFFLSRTVSNVISSIVFGDRFDYEDKEFL
SLLRMMLGSFQFTATSTGQLYEMFSSVMKHLPGPQQQAFKELQGLEDFAKKVEHNQRTLDPNS
PRDFIDSFLIRMQEEEEKNPNTFYLKNLVM TTLNLFFAGTETVSTTLRYGFLLLMKHPEVEAKVHEE
IDRVIGKNRQPKFEDRAKMPYTEAVIHEIQRFGDMLPMGLAHRVNKD TKFRDFFLPKGTEVFPMLG
SVLRDPRFFSNPRDFNPQHFLDKKGQFKKSDAFVPFSIGKRYCFGEGLARMELFLFFTIMQNFR
FKSPQSPKDIDVSPKHVGFATIPRNYTMSFLPR

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 — CYP2A13

Entrez GeneID [1553](#)

GeneBank Accession# [BC153000](#)

Protein Accession# [AA153001.1](#)

Gene Name CYP2A13

Gene Alias CPAD, CYP2A

Gene Description cytochrome P450, family 2, subfamily A, polypeptide 13

Omim ID [608055](#)

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. This protein localizes to the endoplasmic reticulum. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. This gene is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq]

Other Designations cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 13

Pathway

- [Caffeine metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Retinol metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leiomyomatosis](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)