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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CYP2A13 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001553-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human CYP2A13 protein.

Immunogen: CYP2A13 (AAI53001.1, 1 a.a. ~ 494 a.a) full-length human protein.

Sequence:
 MLASGLLLVTLAACLTVMLMSVWRQRKSRGKLPFGPTPLPFIGNYLQL
 NTEQMYNSLMKISERYGPVFTIHLGPRRVVLCGHDAVKEALVDQAEFFS
 GRGEQATFDWLFKGYGVAFSNGERAKLRRFSIATLRGFVGVKRGIEE
 RIQEEAGFLIDALRGTHGANIDPTFFLSRTVSNVISSIVGDRFDYEDKEFL
 SLLRMMLGSFQFTATSTGQLYEMFSSVMKHLPGPQQQAFKELQGLE
 FIAKKVEHNQRTLDPNSPRDFIDSFLIRMQEEEEKNPNTFYLKNLVMTTLN
 LFFAGTETVSTTLRYGFLLLMKHPEVEAKVHEEIDRVIGKNRQPKFEDRA
 KMPYTEAVIHEIQRFGDMLPMGLAHRVNDTKFRDFFLPKGTEVFPMLG
 SVLRDPRFFSNPRDFNPQHFLDKKQFKKSDAFVPFSIGKRYCFGEGLA
 RMELFLFFTITMQNFRFKSPQSPKDIDVSPKHVGFATIPRNYTMSFLPR

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

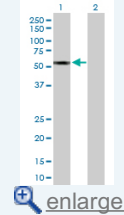
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

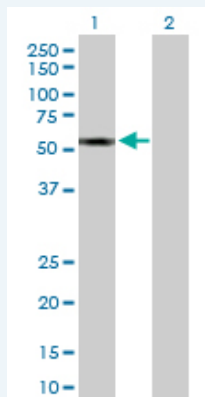
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CYP2A13 expression in transfected 293T cell line (H00001553-T01) by CYP2A13 MaxPab polyclonal antibody.

Lane 1: CYP2A13 transfected lysate(54.34 KDa).
 Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [1553](#)

GeneBank Accession#: [BC153000](#)

Protein Accession#: [AAI53001.1](#)

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

Gene Pathway

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

Related Disease

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