

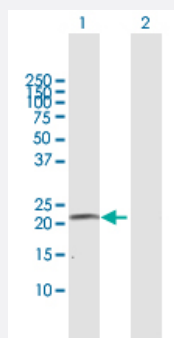
MaxPab®

CYP4A11 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001579-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP4A11 expression in transfected 293T cell line ([H00001579-T01](#)) by CYP4A11 MaxPab polyclonal antibody.

Lane 1: CYP4A11 transfected lysate(23.76 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CYP4A11 protein.
Immunogen	CYP4A11 (AAH22851, 1 a.a. ~ 215 a.a) full-length human protein.
Sequence	MSVSVLSPSRLLGDVSGILQAASLLILLLLLIKAVQLYLHRQWLLKALQQSPCPPSHWLFGHIQELQ QDQELQRIQKWWETFPSACPHWLWGGKVRVQLYDPDYMKVLGRSDPKSHGSYRFLAPWIGYGL LLLNQQTWFQHRRLTPAFHYDILKPYVGLMADSVRVMLDKWEELLGQDSPLEVFQHVSLMTLD TIMKCAFRHWQRAQHRSRLP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (71)
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.

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[Protocol Download](#)

Gene Info — CYP4A11

Entrez GeneID [1579](#)

GeneBank Accession# [BC022851](#)

Protein Accession# [AAH22851](#)

Gene Name CYP4A11

Gene Alias CP4Y, CYP4A2, CYP4A11

Gene Description cytochrome P450, family 4, subfamily A, polypeptide 11

Omim ID [601310](#)

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 and hydroxylates medium-chain fatty acids such as laurate and myristate. [provided by RefSeq]

Other Designations OTTHUMP00000009714|P450HL-omega|alkane-1 monooxygenase|cytochrome P450, subfamily 11A, polypeptide 11|fatty acid omega-hydroxylase|lauric acid omega-hydroxylase

Pathway

- [Arachidonic acid metabolism](#)

- [Fatty acid metabolism](#)

- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Retinol metabolism](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cerebral Infarction](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Myocardial Infarction](#)
- [Nephrosclerosis](#)
- [Stroke](#)