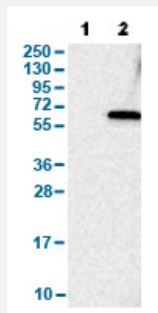


CYP4B1 polyclonal antibody

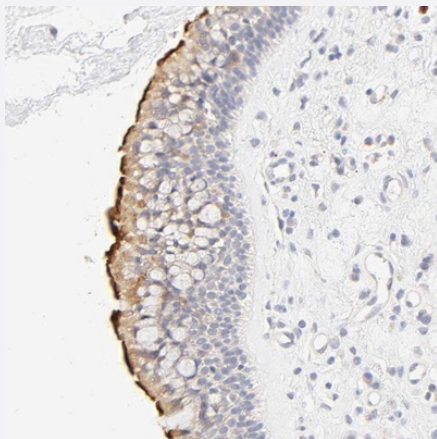
Catalog # PAB31116 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of (1) Negative control (vector only transfected HEK293T lysate), and (2) Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human nasopharynx shows strong membranous positivity in respiratory epithelial cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CYP4B1.
Immunogen	Recombinant protein corresponding to amino acids 64-186 of human CYP4B1.
Sequence	TGSLDKVVS WAHQFPYAHPLWFGQFIGFLNIYEPDYAKAVYSRGDPKAPDVYDFFLQWIGRGLLV LEGPKWLQHRKLLTPGFHYDVLKPYVAVFTSTRIMLDKWEEKAREGKSFDIFCDVGH
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — CYP4B1

Entrez GeneID	1580
Protein Accession#	P13584
Gene Name	CYP4B1
Gene Alias	CYP1B1, P-450HP
Gene Description	cytochrome P450, family 4, subfamily B, polypeptide 1
Omim ID	124075
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. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. Two transcript variants encoding slightly different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000009678|OTTHUMP00000009679|cytochrome P450, subfamily IVB, polypeptide 1|microsomal monooxygenase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)