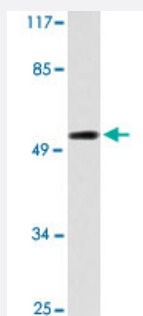


CYP2A13 polyclonal antibody

Catalog # PAB24905 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CYP2A13 polyclonal antibody (Cat # PAB24905).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CYP2A13.
Immunogen	A synthetic peptide corresponding to CYP2A13.
Host	Rabbit
Theoretical MW (kDa)	56
Reactivity	Human
Specificity	CYP2A13 polyclonal antibody detects endogenous levels of CYP2A13 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. 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

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with CYP2A13 polyclonal antibody (Cat # PAB24905).

- Immunohistochemistry

- Immunofluorescence

Gene Info — CYP2A13

Entrez GeneID	1553
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](#)