

Cyp2f4 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14500

Product Information

Application	WB
Primary Accession	O35293
Other Accession	NM_019303 , NP_062176
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55946

Additional Information

Gene ID	54246
Alias Symbol	CYP4502F4, Cyp2f1 Cyp2f2, Cyp2f1, Cyp2f2
Other Names	Cytochrome P450 2F2, 1.14.14.-, CYPIIF2, Cytochrome P450-NAH-2, Naphthalene dehydrogenase, Naphthalene hydroxylase, Cyp2f2, Cyp2f4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Cyp2f4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Cyp2f4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

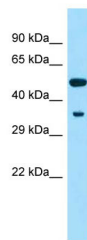
Name	Cyp2f2
Synonyms	Cyp2f4
Function	Involved in the regio- and stereoselective transformation of naphthalene to trans-1R-hydroxy-2R-glutathionyl-1,2-dihydronaphthalene in the presence of glutathione and glutathione S-transferases. It specifically catalyzes the production of a very reactive and potentially toxic intermediate, the 2R,2S arene oxide, that is associated with necrosis of the unciliated bronchiolar epithelial cells or club cells in lung.
Cellular Location	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome

membrane; Peripheral membrane protein

References

Baldwin R.M., et al. J. Pharmacol. Exp. Ther. 312:857-865(2005).

Images



WB Suggested Anti-Cyp2f4 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.