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Cyp2f4 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14500

Specification

Cyp2f4 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O35293
Other Accession	NM_019303, NP_062176
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**54kDa KDa**

Cyp2f4 antibody - middle region - 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.

Cyp2f4 antibody - middle region - 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.

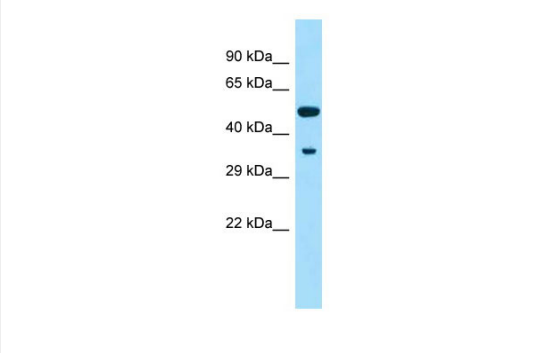
Cellular Location
Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein

Cyp2f4 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cyp2f4 antibody - middle region - Images



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

Cyp2f4 antibody - middle region - References

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