

CYP11J5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57999

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O54749
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57784
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CYP11J5
Epitope Specificity	401-501/501
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein.
SIMILARITY	Belongs to the cytochrome P450 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016].

Additional Information

Gene ID	13109
Other Names	Cytochrome P450 2J5, 1.14.14.1, Arachidonic acid epoxidase, CYP11J5, Cyp2j5
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Cyp2j5
Cellular Location	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein

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