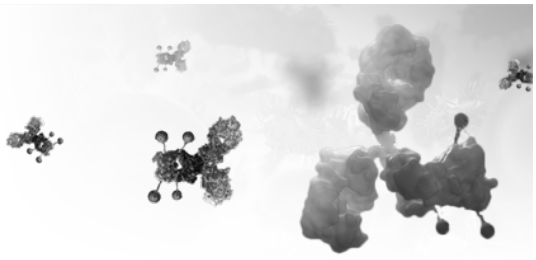

Mouse anti-Human CYP4F11 monoclonal antibody, clone G32 Q7 G6 (CABT-B10059)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to C-terminus of human CYP4F11.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	G32 Q7 G6
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Format	Liquid
Buffer	In PBS (0.08% sodium azide)
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene, CYP4F11, 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F2, is approximately 16 kb away. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

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Keywords	CYP4F11; cytochrome P450, family 4, subfamily F, polypeptide 11; CYPIVF11; phylloquinone omega-hydroxylase CYP4F11; cytochrome P450 4F11; cytochrome P450, subfamily IVF, polypeptide 11; 3-hydroxy fatty acids omega-hydroxylase CYP4F11;

GENE INFORMATION

Entrez Gene ID	57834
UniProt ID	Q9HBI6
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P450 - arranged by substrate type, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Miscellaneous substrates, organism-specific biosystem;
Function	aromatase activity; electron carrier activity; heme binding; metal ion binding; monooxygenase activity; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen;

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