

CYP46A1 antibody

Product Information

Catalog No.:	FNab02167
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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 endoplasmic reticulum protein is expressed in the brain, where it converts cholesterol to 24S-hydroxycholesterol. While cholesterol cannot pass the blood-brain barrier, 24S-hydroxycholesterol can be secreted in the brain into the circulation to be returned to the liver for catabolism.

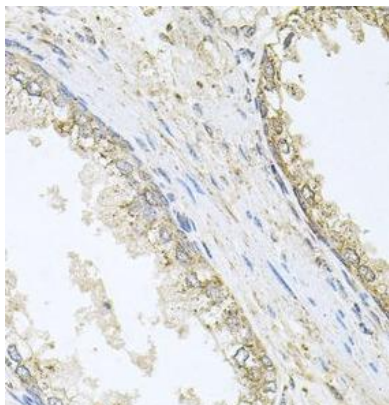
Immunogen information

Immunogen:	cytochrome P450, family 46, subfamily A, polypeptide 1
Synonyms:	Cholesterol 24-hydroxylase (CH24H) Cholesterol 24-monooxygenase Cholesterol 24S-hydroxylase Cytochrome P450 46A1 CYP46A1 CYP46
Observed MW:	57 kDa
Uniprot ID :	Q9Y6A2

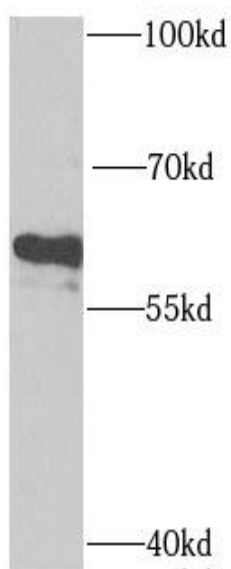
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human prostate using FNab02167(CYP46A1 antibody) at dilution of 1:50



human brain tissue were subjected to SDS PAGE followed by western blot with FNab02167(CYP46A1 antibody) at dilution of 1:1000