

CYP46A1 Rabbit Polyclonal Antibody

Catalog No: #55547

Package Size: #55547-1 50ul #55547-2 100ul

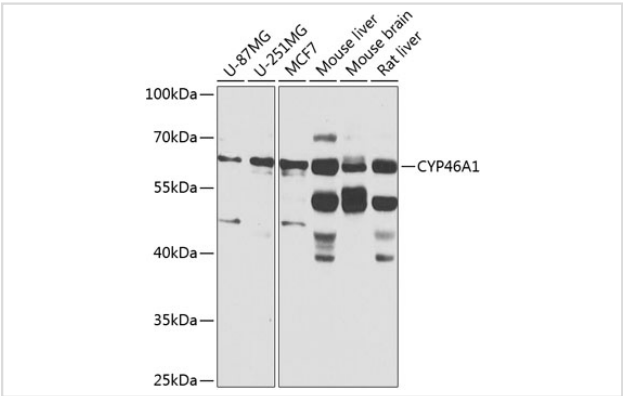
Description

Product Name	CYP46A1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CYP46A1 (NP_006659.1).
Conjugates	Unconjugated
Other Names	CYP46A1;CP46;CYP46
Accession No.	Uniprot:Q9Y6A2GeneID:10858
Calculated MW	38kDa/45kDa/56kDa
SDS-PAGE MW	57kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000IF 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using CYP46A1 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.