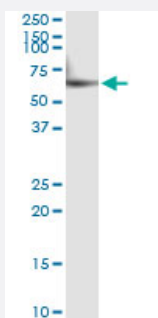


CYP46A1 (Human) IP-WB Antibody Pair

Catalog # H00010858-PW1

Size 1 Set

Applications



Immunoprecipitation of CYP46A1 transfected lysate using mouse monoclonal anti-CYP46A1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-CYP46A1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of CYP46A1 transfected lysate using mouse monoclonal anti-CYP46A1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-CYP46A1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-CYP46A1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-CYP46A1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — CYP46A1

Entrez GeneID [10858](#)

Gene Name CYP46A1

Gene Alias CP46, CYP46

Gene Description cytochrome P450, family 46, subfamily A, polypeptide 1

Omim ID [604087](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 can not pass the blood-brain barrier, 24S-hydroxycholesterol can be secreted in the brain into the circulation to be returned to the liver for catabolism. [provided by RefSeq]

Other Designations cholesterol 24-hydroxylase|cytochrome P450, family 46|cytochrome P450, subfamily 46 (cholesterol 24-hydroxylase)

Pathway

- [Primary bile acid biosynthesis](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Postmortem Changes](#)
- [Psychiatric Status Rating Scales](#)