Rabbit anti-Human Cytochrome P450 2S1 Polyclonal Antibody | anti-CYP2S1 antibody

Anti-Cytochrome P450 2S1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260196	**Rabbit**	**Human**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Cytochrome P450 2S1; Polyclonal Antibody; Anti-Cytochrome P450 2S1 Antibody; CYPIIS1; anti-CYP2S1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytochrome P450 2S1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	504
Applicable Applications for anti-CYP2S1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2S1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of Cytochrome P450 2S1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of Cytochrome P450 2S1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of Cytochrome P450 2S1 expression in HepG2 (A), COLO205 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2S1 antibody	Rabbit polyclonal antibody to Cytochrome P450 2S1

NCBI AND UNIPROT INFORMATION

NCBI GI #	13449277
NCBI GeneID	29785
NCBI Accession #	NP_085125.1
NCBI GenBank Nucleotide #	NM_030622.7
UniProt Accession #	Q96SQ9; Q9BZ66
Molecular Weight	62,231 Da
NCBI Official Full Name	cytochrome P450 2S1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily S, polypeptide 1
NCBI Official Symbol	CYP2S1
NCBI Official Synonym Symbols	CYPIIS1
NCBI Protein Information	cytochrome P450 2S1
UniProt Protein Name	Cytochrome P450 2S1
UniProt Gene Name	**CYP2S1**
UniProt Entry Name	CP2S1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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