

Cytochrome P450 2C19 Antibody

Catalog No: #47915

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

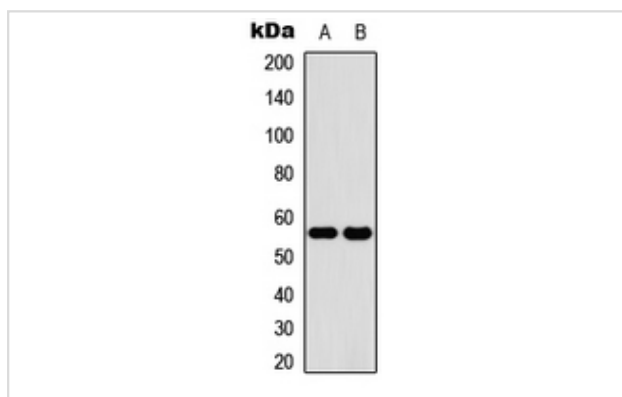
Description

Product Name	Cytochrome P450 2C19 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IHC, IF/ICC
Species Reactivity	Hu
Specificity	Recognizes endogenous levels of Cytochrome P450 2C19 protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2C19.
Target Name	CYP2C19
Other Names	Cytochrome P450 2C19; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; CYP11C17; CYP11C19; Cytochrome P450-11A; Cytochrome P450-254C; Mephenytoin 4-hydroxylase
Accession No.	Swiss-Prot#:P33261NCBI Gene ID:1557
Uniprot	P33261
GeneID	1557;
Calculated MW	56KD
Concentration	1 mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20°C

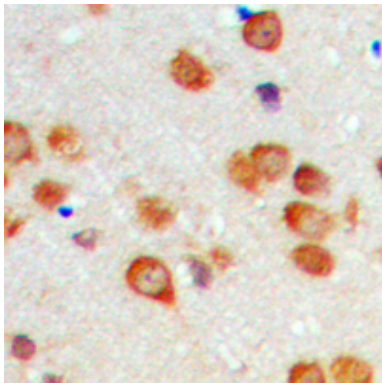
Application Details

WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/ICC (1/100 - 1/500)

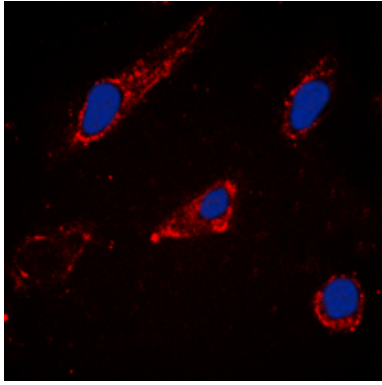
Images



Western blot analysis of Cytochrome P450 2C19 expression in HepG2 (A), SGC7901 (B) whole cell lysates



Immunohistochemical analysis of Cytochrome P450 2C19 staining in human brain formalin fixed paraffin embedded tissue section. 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.



Immunofluorescent analysis of Cytochrome P450 2C19 staining in Hela 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).

Note: This product is for in vitro research use only