

Rabbit anti-Human Cytochrome P450 2C19 Polyclonal Antibody | anti-CYP2C19 antibody

Cytochrome P450 2C19 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310948	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytochrome P450 2C19; Polyclonal Antibody; Cytochrome P450 2C19 Antibody; (R)-limonene 6-monooxygenase; (S)-limonene 6-monooxygenase; (S)-limonene 7-monooxygenase; CYP11C17; CYP11C19; Cytochrome P450-11A; Cytochrome P450-254C; Mephenytoin 4-hydroxylase; anti-CYP2C19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of Cytochrome P450 2C19 protein.
Purity/Purification	Immunogen affinity chromatography
Form/Format	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	490
Applicable Applications for anti-CYP2C19 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome P450 2C19.
Preparation and Storage	Store at -20 degree C.

IMAGES



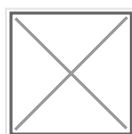
IF (Immunofluorescence)

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).



IHC (Immunohistochemistry)

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.



WB (Western Blot)

Western blot analysis of CYP2C19 expression in HEK293T, Raw264.7, H9C2 whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYP2C19 antibody	Total protein Ab
---	------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503219
NCBI GeneID	1557
NCBI Accession #	NP_000760.1
NCBI GenBank Nucleotide #	NM_000769.4
UniProt Accession #	P33261; P33259; Q8WZB1; Q8WZB2; Q9UCD4
Molecular Weight	56 kDa
NCBI Official Full Name	cytochrome P450 2C19
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 19
NCBI Official Symbol	CYP2C19
NCBI Official Synonym Symbols	CPCJ; CYP2C; P450C2C; CYPIIC17; CYPIIC19; P450IIC19
NCBI Protein Information	cytochrome P450 2C19
UniProt Protein Name	Cytochrome P450 2C19
UniProt Gene Name	CYP2C19

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2c19-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/310948>