

Rabbit CYP2C19 Polyclonal Antibody | anti-CYP2C19 antibody

CYP2C19 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198996	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

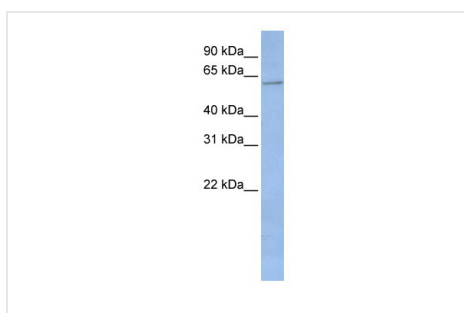
PRODUCT SYNONYMS

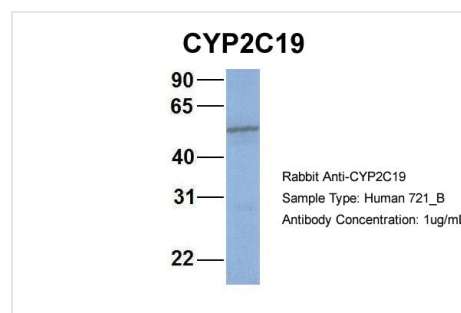
CYP2C19; Polyclonal Antibody; CYP2C19 antibody - middle region; anti-CYP2C19 antibody

PRODUCT SPECIFICATIONS

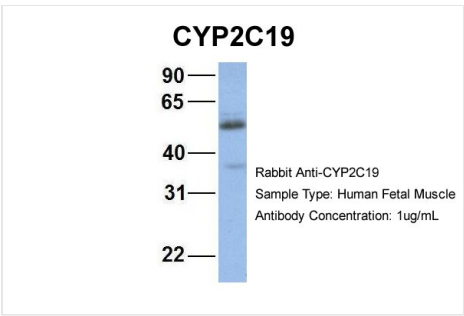
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QE EIERVIGRNR SPCMQDRGHM PYTDAVVHEV QRYIDLIPTS LPHAVTCD
Sequence Length	490
Applicable Applications for anti-CYP2C19 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 86%; Goat: 75%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 92%; Rabbit: 93%; Rat: 92%; Sheep: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CYP2C19
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CYP2C19 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human Placenta

WB (Western Blot)

Host: Rabbit
Target Name: WT1
Sample Type: 721_B
Antibody Dilution: 1.0ug/mL
CYP2C19 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)
Host: RabbitTarget Name: NOP56Sample Type: Human Fetal MuscleAntibody Dilution:
1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2C19 antibody	This is a rabbit polyclonal antibody against CYP2C19. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CYP2C19 is 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 protein localizes to the endoplasmic reticulum and is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, omeprazole, diazepam and some barbiturates. Polymorphism within this gene is associated with variable ability to metabolize mephenytoin, known as the poor metabolizer and extensive metabolizer phenotypes.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 protein localizes to the endoplasmic reticulum and is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, omeprazole, diazepam and some barbiturates. Polymorphism within this gene is associated with variable ability to metabolize mephenytoin, known as the poor metabolizer and extensive metabolizer phenotypes. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-CYP2C19 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503219
NCBI GeneID	1557
NCBI Accession #	NP_000760
NCBI GenBank Nucleotide #	NM_000769
UniProt Accession #	P33261
Molecular Weight	56kDa
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; CYP11C17; CYP11C19; P45011C19
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/cyp2c19-antibody-western-blot-elisa/198996>