

CYP2C19 Polyclonal Antibody

Catalog No.	A16313	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	55kDa
Cross-reactivity	Human	Calculated MW	55kDa

Immunogen Information

Immunogen	A synthetic peptide of human CYP2C19
Gene ID	1557
Swiss prot	P33261
Synonyms	CYP2C19; CPCJ; CYP2C; CYP11C17; CYP11C19; P450 C2C; P450I1C19; cytochrome P450 2C19

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

Background

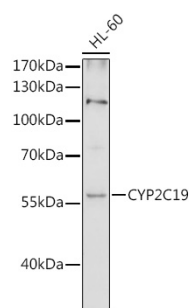
This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and is known 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.

Recommended Dilutions

WB 1:500 -
1:1000

IHC 1:50 -
1:100

IF 1:20 - 1:50



Western blot - CYP2C19 Polyclonal Antibody (A16313)