

Anti-CYP3A5 antibody

Cat. No.	ml263664
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CYP3A5 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human CYP3A5
Reactivity	Human
Content	0.84 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CYP3A5
Full name	cytochrome P450 family 3 subfamily A member 5

Synonyms CP35; PCN3; CYP11A5; P450PCN3

Swissprot P20815

Target 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. The encoded protein metabolizes drugs as well as the steroid hormones testosterone and progesterone. This gene is part of a cluster of cytochrome P450 genes on chromosome 7q21.1. Two pseudogenes of this gene have been identified within this cluster on chromosome 7. Expression of this gene is widely variable among populations, and a single nucleotide polymorphism that affects transcript splicing has been associated with susceptibility to hypertension. Alternative splicing results in multiple transcript variants.

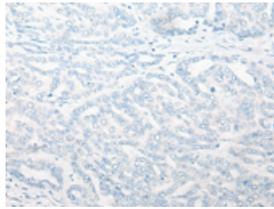
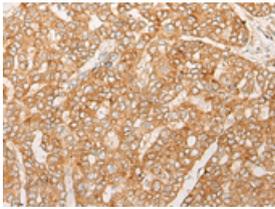
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human liver cancer

Recommended dilution: 25-100

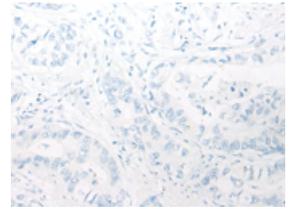
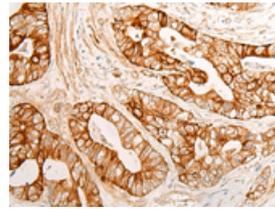


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using m1263664(CYP3A5 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cell membrane

Positive control: Human gastric cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using m1263664(CYP3A5 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 57 kDa

Positive control: HEPG2 cell lysate

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

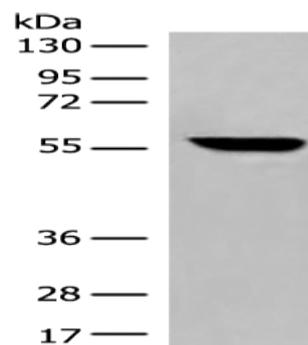
Lysate: 40 μ g

Lane: HEPG2 cell lysate

Primary antibody: ml263664(CYP3A5 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 7 seconds



ELISA

Recommended dilution: 5000-10000

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