

Cytochrome P450 3A5 Recombinant antibody

Cat: B35079D**Company:** HaoKebio**Uniprot ID:** P20815**Applications:** IHC:1:100-1:200**Organism:** Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

IHC-TSA:1:500-1:1000

Molecular Weight Calculation: 57 kDa

WB:1:1000

Observed Molecular Weight: 50 kDa**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 pseudo genes 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.

Protein full name:

Cytochrome P450 3A5

Synonyms:

CP35; PCN3; CYP11A5; P450PCN3

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Source of Reagents:

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发表[英文论文]请标注: Cytochrome P450 3A5(B35079D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.