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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CYP2D6 recombinant monoclonal antibody

P450DB1

Catalog Number: RAB02584**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit recombinant monoclonal antibody raised against human CYP2D6.**Immunogen:** Original antibody is raised against recombinant protein of human CYP2D6.**Theoretical MW (kDa):** 50**Antibody Species:** Rabbit**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Specificity:** Recognizes endogenous levels of Cytochrome P450 2D6 protein.**Form:** Liquid**Purification:** Immunogen affinity chromatography**Isotype:** IgG**Recommend Usage:** Immunocytochemistry (1:50-1:100)
Immunofluorescence (1:50-1:100)
Immunohistochemistry (1:50-1:100)
Western Blot (1:500-1:1000)**Storage Buffer:** In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)**Storage Instruction:** Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.**Entrez GeneID:** 1565**Gene Symbol:** CYP2D6**Gene Alias:** CPD6, CYP2D, CYP2D@, CYP2DL1, MGC120389, MGC120390, P450-DB1, P450C2D,**Gene Summary:** 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 as many as 20% of commonly prescribed drugs. Its substrates include debrisoquine, an adrenergic-blocking drug; sparteine and propafenone, both anti-arrhythmic drugs; and amitriptyline, an anti-depressant. The gene is highly polymorphic in the population; certain alleles result in the poor metabolizer phenotype, characterized by a decreased ability to metabolize the enzyme's substrates. The gene is located near two cytochrome P450 pseudogenes on chromosome 22q13.1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]