# antibodies -online.com









Go to Product page

#### Overview

Quantity:	200 μL
Target:	CYP2D6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2D6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

# **Product Details**

Immunogen:	Synthetic peptide of human CYP2D6
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# **Target Details**

Target:	CYP2D6
Alternative Name:	CYP2D6 (CYP2D6 Products)
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 as many as 20 % of commonly

#### **Target Details**

prescribed drugs. Its substrates include debrisoquine, an adrenergic-blocking drug, sparteine and propafenone, both anti-arrythmic drugs, and amitryptiline, 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.

NCBI Accession:

NP\_000097

UniProt:

P10635

# **Application Details**

Application Notes:

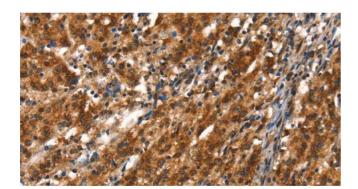
IHC 1:50-1:200

Restrictions:

For Research Use only

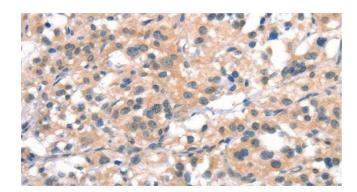
# Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using CYP2D6 Polyclonal Antibody at dilution 1:40



# **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CYP2D6 Polyclonal Antibody at dilution 1:40