



Sheep Anti-Human CYP2D6 polyclonal antibody (CABT-L1091)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes human CYP2D6.
Target	CYP2D6
Immunogen	Synthetic peptide corresponding to the C-terminus of human CYP2D6.
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC, WB
Format	Liquid
Size	25 µl, 100 µl
Buffer	Serum
Preservative	0.01% Sodium Azide
Storage	Store at -20° C
Ship	Shipped on Blue Ice

BACKGROUND

Introduction	Human cytochrome P-450 2D6 (CYP2D6) is responsible for the metabolism of many psychotherapeutic drugs, and has been shown to act on MPTP a thermal product of synthetic
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heroin, which causes Parkinson's Disease (PD)-like symptoms in man. Mutation in the cyp2D6 gene has been reported to be associated with PD. The association between Parkinson's Disease and genetic polymorphism in the human CYP2D6 gene has been reported. CYP2D6 has been found in first trimester human fetal liver, and in the placenta. Rat CYP2D1, the homologue of human CYP2D6, has been shown to catalyse the conversion of hydrocodone to hydromorphone, and in rat liver microsomes it participates in the conversion of ethylmorphine to codeine and morphine.

Keywords

CYP2D6;cytochrome P450, family 2, subfamily D, polypeptide
6;CPD6;CYP2D;CYP2DL1;CYPIID6;P450C2D;P450DB1;CYP2D7AP;CYP2D7BP

GENE INFORMATION

Entrez Gene ID

[1565](#)

UniProt ID

[P10635](#)
