

## Product datasheet for **TA346158**

### Cytochrome P450 2D6 (CYP2D6) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CYP2D6 antibody: synthetic peptide directed towards the middle region of human CYP2D6. Synthetic peptide located within the following region: EAFLPFSAGRRACLGEPLARMELFFFTSLLQHFSFSVPTGQPRPSHHGV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	cytochrome P450 family 2 subfamily D member 6
Database Link:	<a href="#">NP_000097</a> <a href="#">Entrez Gene 1565 Human P10635</a>
Background:	CYP2D6 is 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
Synonyms:	CPD6; CYP2D; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; CYP2DL1; CYP1ID6; P450-DB1; P450C2D; P450DB1



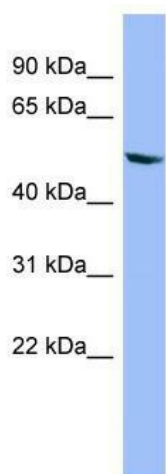
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**Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Rabbit: 100%; Sheep: 93%; Bovine: 93%; Guinea pig: 93%; Dog: 92%; Horse: 92%; Mouse: 92%

**Protein Families:** Druggable Genome, P450, Transmembrane

**Protein Pathways:** Drug metabolism - cytochrome P450

### Product images:



WB Suggested Anti-CYP2D6 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: OVCAR-3 cell lysate CYP2D6 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells