

## Product datasheet for **TA360060**

### **CYP11B1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human C11B1
Specificity:	<b>Expected reactivity:</b> Human
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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	48kDa
Gene Name:	cytochrome P450 family 11 subfamily B member 1
Database Link:	<a href="#">NP_001021384</a> <a href="#">Entrez Gene 1584 Human P15538-2</a>



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**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 mitochondrial inner membrane and is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene.

**Synonyms:**

CPN1; CYP11B; CYPXIB1; DKFZp686B05283; FHI; FLJ36771; P-450c11; P450C11; S11BH

**Product images:**

Host: Rabbit  
Target Name: C11B1  
Sample Tissue: HCT116 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: C11B1  
Sample Type: HCT116 Whole Cell lysates  
Antibody Dilution: 1.0ug/ml