

## CAB21757

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### Product Information

<b>Product SKU:</b> CAB21757	<b>Gene ID:</b> 1583	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human

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### Additional Information

<b>Observed MW:</b> Refer to figures	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 60kDa	<b>Isotype:</b> IgG

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### Immunogen Information

**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 catalyzes the conversion of cholesterol to pregnenolone, the first and rate-limiting step in the synthesis of the steroid hormones. Two transcript variants encoding different isoforms have been found for this gene. The cellular location of the smaller isoform is unclear since it lacks the mitochondrial-targeting transit peptide.

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** CYP11A; CYPXIA1; P450SCC; CYP11A1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 40-320 of human CYP11A1 (NP\_000772.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.