

Product datasheet for **TA346928S**

Cytochrome P450 17A1 (CYP17A1) Mouse Monoclonal Antibody [Clone ID: 6E1-H9-F6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6E1-H9-F6
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for CYP17A1 antibody: purified recombinant human Cytochrome P450 17A1 protein fragments expressed in E.coli.
Formulation:	Ascites
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	cytochrome P450 family 17 subfamily A member 1
Database Link:	NP_000093 Entrez Gene 1586 Human P05093

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. It has both 17 α -hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progesterins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia. [provided by RefSeq, Jul 2008]



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Synonyms: CPT7; CYP17; P450C17; S17AH

Protein Families: Druggable Genome, P450

Protein Pathways: C21-Steroid hormone metabolism, Metabolic pathways