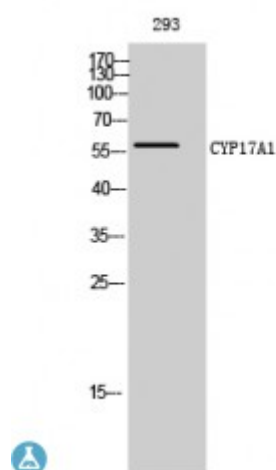


Anti-CYP17A1 antibody



Description	Rabbit polyclonal to CYP17A1.
Model	STJ92554
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human CYP17A1
Immunogen Region	190-270 aa, Internal
Gene ID	1586
Gene Symbol	CYP17A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	CYP17A1 Polyclonal Antibody detects endogenous levels of CYP17A1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Steroid 17-alpha-hydroxylase/17,20 lyase 17-alpha-hydroxyprogesterone aldolase CYPXVII Cytochrome P450 17A1 Cytochrome P450-C17 Cytochrome P450c17 Steroid 17-alpha-monooxygenase
Molecular Weight	50 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2593OMIM:202110
Alternative Names	Steroid 17-alpha-hydroxylase/17,20 lyase 17-alpha-hydroxyprogesterone aldolase CYPXVII Cytochrome P450 17A1 Cytochrome P450-C17 Cytochrome P450c17 Steroid 17-alpha-monooxygenase
Function	Conversion of pregnenolone and progesterone to their 17-alpha-hydroxylated products and subsequently to dehydroepiandrosterone (DHEA) and androstenedione. Catalyzes both the 17-alpha-hydroxylation and the 17,20-lyase reaction. Involved in sexual development during fetal life and at puberty.
Cellular Localization	Membrane
Post-translational Modifications	Phosphorylation is necessary for 17,20-lyase, but not for 17-alpha-hydroxylase activity.

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