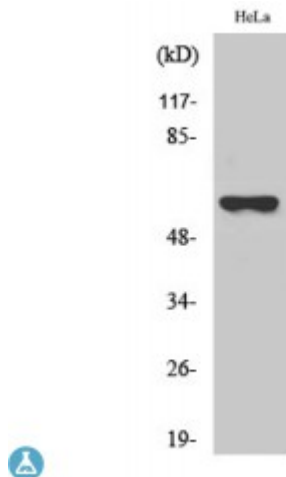


Anti-CYP27A1 antibody



Description	Rabbit polyclonal to CYP27A1.
Model	STJ92567
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human CYP27A1
Immunogen Region	70-150 aa, Internal
Gene ID	1593
Gene Symbol	CYP27A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	CYP27A1 Polyclonal Antibody detects endogenous levels of CYP27A1 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	Sterol 26-hydroxylase, mitochondrial 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase Cytochrome P-450C27/25 Cytochrome P450 27 Sterol 27-hydroxylase Vitamin D 3 25-hydroxylase
Molecular Weight	60 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:2605OMIM:213700
Alternative Names	Sterol 26-hydroxylase, mitochondrial 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase Cytochrome P-450C27/25 Cytochrome P450 27 Sterol 27-hydroxylase Vitamin D 3 25-hydroxylase
Function	Catalyzes the first step in the oxidation of the side chain of sterol intermediates; the 27-hydroxylation of 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol. Has also a vitamin D3-25-hydroxylase activity.
Cellular Localization	Mitochondrion membrane.

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