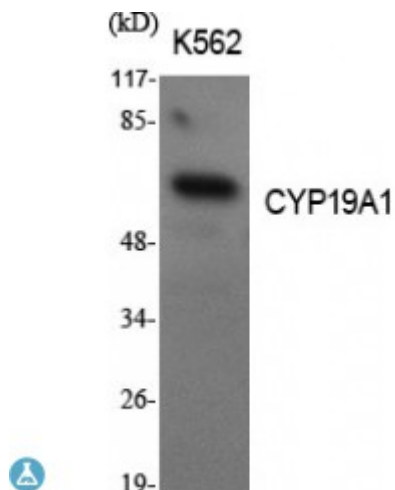


Anti-CYP19A1 antibody



Description	Rabbit polyclonal to CYP19A1.
Model	STJ92555
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human CYP19A1
Immunogen Region	190-270 aa, Internal
Gene ID	1588
Gene Symbol	CYP19A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	CYP19A1 Polyclonal Antibody detects endogenous levels of CYP19A1 protein.
Tissue Specificity	Widely expressed, including in adult and fetal brain, placenta, skin fibroblasts, adipose tissue and gonads.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Aromatase CYPXIX Cytochrome P-450AROM Cytochrome P450 19A1 Estrogen synthase
Molecular Weight	53 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:2594OMIM:107910
Alternative Names	Aromatase CYPXIX Cytochrome P-450AROM Cytochrome P450 19A1 Estrogen synthase
Function	Catalyzes the formation of aromatic C18 estrogens from C19 androgens.
Cellular Localization	Membrane. Peripheral membrane protein.
Post-translational Modifications	Phosphorylated in vitro by PKA and PKG/PRKG1. These phosphorylations inhibit the catalytic activity as measured by estrone synthesis from androstenedione (36% decrease for PKA and 30% for PKG/PRKG1).

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