

ARG44555 anti-CYP11B1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CYP11B1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CYP11B1
Species	Human
Immunogen	C-terminus of Human CYP11B1
Conjugation	Un-conjugated
Alternate Names	CYP11B1; Cytochrome P450 Family 11 Subfamily B Member 1; P450C11; CPN1; FHI; Cytochrome P450, Subfamily XIB (Steroid 11-Beta-Hydroxylase), Polypeptide 1; Cytochrome P450, Family 11, Subfamily B, Polypeptide 1; Steroid 11-Beta-Hydroxylase, CYP11B1; Cytochrome P450 11B1, Mitochondrial; Steroid 11-Beta-Monooxygenase; Cytochrome P-450c11; Cytochrome P450C11; EC 1.14.15.4; CYP11B; Cytochrome P450 XIB1; EC 1.14.15; CYPXIB1; S11BH

Application Instructions

Application table	Application	Dilution
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

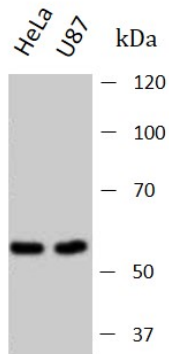
Properties

Form	Liquid
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CYP11B1
Gene Full Name	Cytochrome P450 Family 11 Subfamily B Member 1
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 is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]
Function	A cytochrome P450 monooxygenase involved in the biosynthesis of adrenal corticoids.
Calculated Mw	58 kDa
Cellular Localization	Membrane, Mitochondrion, Mitochondrion inner membrane

Images



ARG44555 anti-CYP11B1 antibody WB image

Western blot: HeLa and U87 stained with ARG44555 anti-CYP11B1 antibody at 0.5ug/ml