CYP11B1/2 rabbit pAb

Cat#: orb766829 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	CYP11B1/2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CYP11B1/2. AA range:61-110
Specificity	CYP11B1/2 Polyclonal Antibody detects endogenous levels of CYP11B1/2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytochrome P450 11B1 mitochondrial/Cytochrome P450 11B2 mitochondrial
Gene Name	CYP11B1/CYP11B2
Cellular localization	Mitochondrion inner membrane ; Peripheral membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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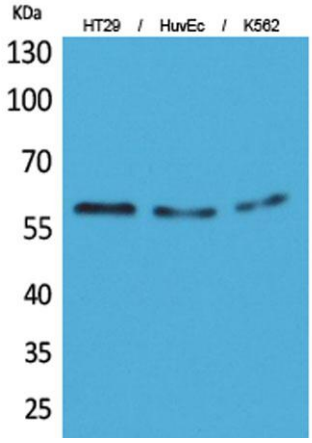
Concentration	1 mg/ml
Observed band	58kD
Human Gene ID	1584
Human Swiss-Prot Number	P15538
Alternative Names	CYP11B1; S11BH; Cytochrome P450 11B1, mitochondrial; CYPXIB1; Cytochrome P-450c11; Cytochrome P450C11; Steroid 11-beta-hydroxylase; CYP11B2;Cytochrome P450 11B2, mitochondrial; Aldosterone synthase; ALDOS; Aldosterone-synthesizing enzyme; CYPXIB2; Cytochr
Background	cytochrome P450 family 11 subfamily B member 1(CYP11B1) Homo sapiens 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],



Western Blot analysis of HT29, HuvEc, K562 cells using CYP11B1/2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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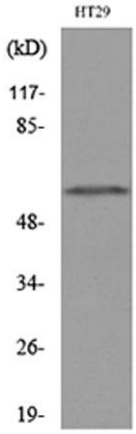

Western blot analysis of lysate from HT29 cells, using CYP11B1/2 Antibody.

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