

Product datasheet for **TA375271S**

CYP11B2 Rabbit Polyclonal Antibody

Product data:

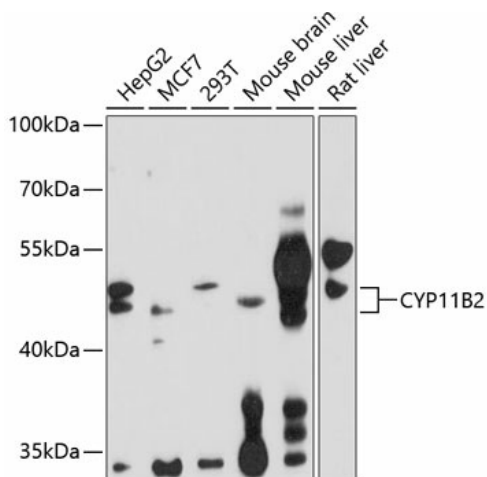
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:1000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 234-503 of human CYP11B2 (NP_000489.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57kDa
Gene Name:	cytochrome P450 family 11 subfamily B member 2
Database Link:	Entrez Gene 1585 Human P19099
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. The enzyme has steroid 18-hydroxylase activity to synthesize aldosterone and 18-oxocortisol as well as steroid 11 beta-hydroxylase activity. Mutations in this gene cause corticosterone methyl oxidase deficiency.



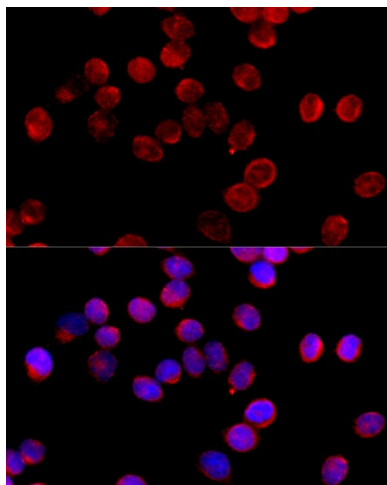
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Synonyms: ALDOS; CPN2; CYP11B; CYP11BL; CYPXIB2; P-450Aldo; P-450C18; P450aldo; P450C18

Product images:



Western blot analysis of extracts of various cell lines, using CYP11B2 antibody ([TA375271]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 20s.



Immunofluorescence analysis of HeLa cells using CYP11B2 antibody ([TA375271]) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.