

For Research Use Only

CYP11B2 Recombinant antibody, PBS Only

Catalog Number: 83930-1-PBS



Basic Information

Catalog Number: 83930-1-PBS	GenBank Accession Number: NM_000498	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1585	CloneNo.: 240811E7
Source: Rabbit	UNIPROT ID: P19099	
Isotype: IgG	Full Name: cytochrome P450, family 11, subfamily B, polypeptide 2	
	Calculated MW: 58 kDa	
	Observed MW: 58-60 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Background Information

CYP11B2 (Cytochrome P450 11B2), also known as aldosterone synthase, is a member of the cytochrome P450 superfamily of enzymes. CYP11B2 can only catalyze 11-deoxycorticosterone oxidation to produce corticosterone and further hydroxylation to ALD. CYP11B2 is an enzyme required for cortisol biosynthesis and is specifically expressed in aldosterone-producing tissue of the adrenal cortex and is overexpressed in aldosterone-producing adenomas (APA).

Storage

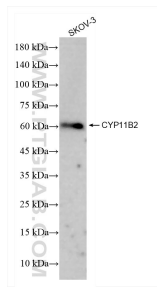
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 83930-1-RR (CYP11B2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83930-1-PBS in a different storage buffer formulation.