

For Research Use Only

CYP11B2 Recombinant antibody

Catalog Number: 83930-1-RR



Basic Information

Catalog Number: 83930-1-RR	GenBank Accession Number: NM_000498	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1585	CloneNo.: 240811E7
Source: Rabbit	UNIPROT ID: P19099	Recommended Dilutions: WB 1:1000-1:6000
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	Positive Controls: WB : SKOV-3 cells,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

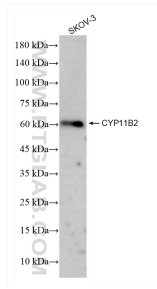
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Selected Validation Data



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.