

Anti-CYP11B2 Antibody

Catalog Number: A01150-2

About CYP11B2

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).

Overview

Product Name	Anti-CYP11B2 Antibody
Reactive Species	Human, Mouse, Pig
Description	Boster Bio Anti-CYP11B2 Antibody catalog # A01150-2. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Pig.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P19099

Technical Details

Immunogen	Peptide
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ELISA, 1:100-1000

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For Research Use Only. Not for use in diagnostic procedures.