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Datasheet for ABIN750826
anti-CYP11B1 antibody (AA 301-400) (Cy3)

Overview

Quantity:	100 µL
Target:	CYP11B1
Binding Specificity:	AA 301-400
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP11B1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP11B1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP11B1
Alternative Name:	CYP11B1 (CYP11B1 Products)

Target Details

Background: Synonyms: FHI, CPN1, CYP11B, P45C11, Cytochrome P45 11B1, mitochondrial, CYPXIB1, Cytochrome P-45c11, Cytochrome P45C11, Steroid 11-beta-hydroxylase, CYP11B1, S11BH
Background: Has steroid 11-beta-hydroxylase activity. In addition to this activity, the 18 or 19-hydroxylation of steroids and the aromatization of androstendione to estrone have also been ascribed to cytochrome P45 XIB.

Gene ID: 1584

UniProt: [P15538](#)

Pathways: [Metabolism of Steroid Hormones and Vitamin D](#), [Steroid Hormone Biosynthesis](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [C21-Steroid Hormone Metabolic Process](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months