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## Datasheet for ABIN2776971 anti-CYP11B2 antibody (Middle Region)

2 Images

1 Publication



#### Overview

Quantity:	100 μL
Target:	CYP11B2
Binding Specificity:	Middle Region
Reactivity:	Human, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP11B2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Target:	CVD11B2
Target Details	
Purification:	Affinity Purified
Characteristics:	This is a rabbit polyclonal antibody against CYP11B2. It was validated on Western Blot using a cell lysate as a positive control.
Predicted Reactivity:	Horse: 79%, Human: 100%
Sequence:	RRLAEAEMLL LLHHVLKHFL VETLTQEDIK MVYSFILRPG TSPLLTFRAI
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CYP11B2

Target:	CYP11B2
Alternative Name:	CYP11B2 (CYP11B2 Products)

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Target Details	
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 local Alias Symbols: ALDOS, CPN2, CYP11B, CYP11BL, P-450C18, P450C18, P450aldo Protein Interaction Partner: CYP11B2, CYP11B1, CYP11A1, FDX1, Protein Size: 503
Molecular Weight:	55 kDa
Gene ID:	1585
NCBI Accession:	NM_000498, NP_000489
UniProt:	P19099
Pathways:	ACE Inhibitor Pathway, Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis, Regulation of Systemic Arterial Blood Pressure by Hormones, C21-Steroid Hormone Metabolic Process, Feeding Behaviour

### Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 503 AA
Restrictions:	For Research Use only

## Handling

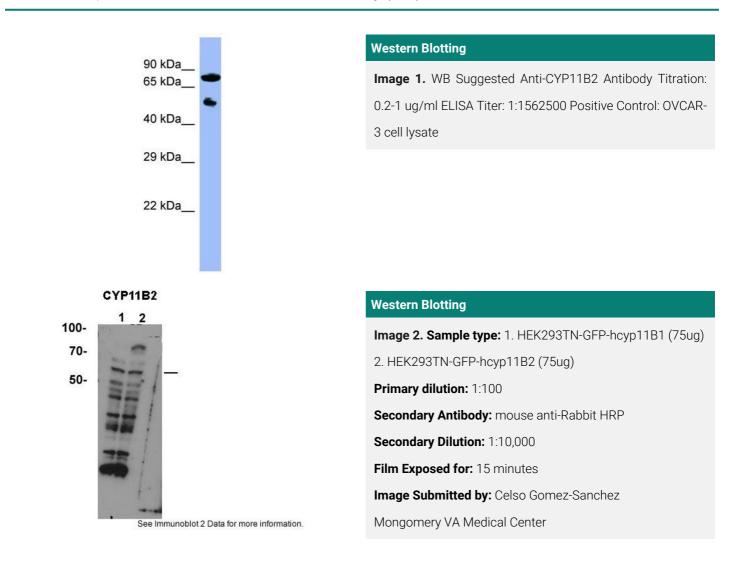
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in smal

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#### Publications

Product cited in: Coyne, Gambling, Boucher, Carson, Johnson: "Role of claudin interactions in airway tight junctional permeability." in: **American journal of physiology. Lung cellular and molecular physiology**, Vol. 285, Issue 5, pp. L1166-78, (2003) (PubMed).

#### Validation report #102749 for Immunohistochemistry (IHC)



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