

Datasheet for ABIN2776772
anti-HSD11B2 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HSD11B2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Cow, Guinea Pig, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD11B2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HSD11B2
Sequence:	ERWPWPSGGA WLLVAARALL QLLRSDLRLG RPLLAALALL AALDWLCQRL
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against HSD11B2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSD11B2
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Target Details

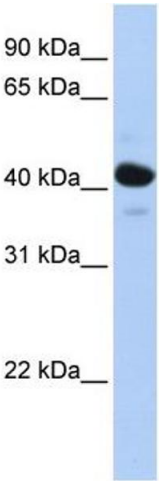
Alternative Name:	HSD11B2 (HSD11B2 Products)
Background:	<p>HSD11B2 catalyzes the conversion of cortisol to the inactive metabolite cortisone. It modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid receptor from occupation by glucocorticoids.</p> <p>Alias Symbols: AME, AME1, HSD11K, HSD2, SDR9C3</p> <p>Protein Interaction Partner: KAT2B, HDAC1, KAT2A, CTBP1,</p> <p>Protein Size: 44</p>
Molecular Weight:	45 kDa
Gene ID:	3291
NCBI Accession:	NM_000196 , NP_000187
UniProt:	P80365
Pathways:	Steroid Hormone Biosynthesis , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 44 AA
Restrictions:	For Research Use only

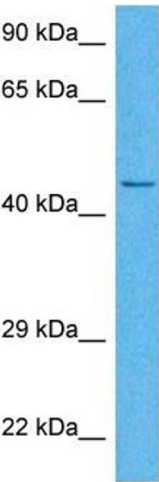
Handling

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 small aliquots to prevent freeze-thaw cycles.



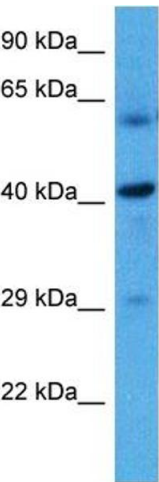
Western Blotting

Image 1. WB Suggested Anti-HSD11B2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Muscle



Western Blotting

Image 2. Host: Rabbit Target Name: HSD11B2 Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1ug/ml



Western Blotting

Image 3. Host: Rat Target Name: HSD11B2 Sample Tissue: Rat Liver Antibody Dilution: 1ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776772.