

Datasheet for ABIN2776958
anti-HSD17B1 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	HSD17B1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Pig, Cow, Dog, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HSD17B1
Sequence:	MARTVVLITG CSSGIGLHLA VRLASDPSQS FKVYATLRDL KTQGRLWEAA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 91%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HSD17B1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	HSD17B1
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Target Details

Alternative Name:	HSD17B1 (HSD17B1 Products)
Background:	<p>HSD17B1 is favors the reduction of estrogens and androgens. It also has 20-alpha-HSD activity. It uses preferentially NADH.</p> <p>Alias Symbols: EDH17B2, EDHB17, HSD17, SDR28C1</p> <p>Protein Interaction Partner: HSD17B1,</p> <p>Protein Size: 328</p>
Molecular Weight:	36 kDa
Gene ID:	3292
NCBI Accession:	NM_000413 , NP_000404
UniProt:	P14061
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 328 AA
Restrictions:	For Research Use only

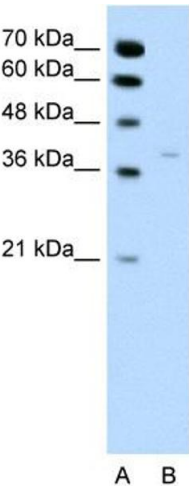
Handling

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.

Publications

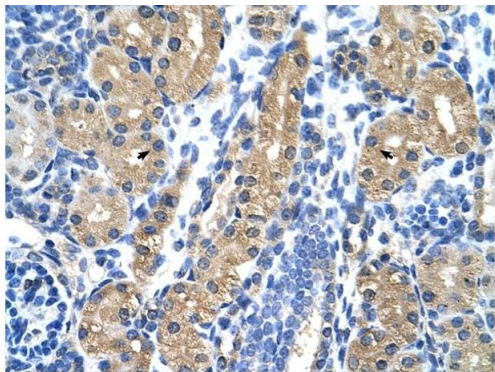
Product cited in: Veerhuis, Boshuizen, Morbin, Mazzoleni, Hoozemans, Langedijk, Tagliavini, Langeveld, Eikelenboom: "Activation of human microglia by fibrillar prion protein-related peptides is enhanced by amyloid-associated factors SAP and C1q." in: **Neurobiology of disease**, Vol. 19, Issue 1-2, pp. 273-82, (2005) ([PubMed](#)).

Images



Western Blotting

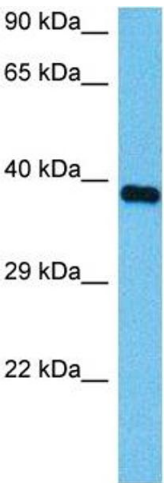
Image 1. WB Suggested Anti-HSD17B1 Antibody Titration:
0.2-1 ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-HSD17B1 Antibody
Catalog Number: ARP41727
Lot Number: QC12360
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-HSD17B1 Antibody Paraffin Embedded
Tissue: Human Kidney Cellular Data: Epithelial cells of renal
tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification:
400X



Western Blotting

Image 3. Host: Mouse Target Name: HSD17B1 Sample
Tissue: Mouse Heart Antibody Dilution: 1ug/ml