

Datasheet for ABIN2783973
anti-HSD3B7 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HSD3B7
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Horse, Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD3B7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HSD3B7
Sequence:	QGTRNVIEAC VQTGTRFLVY TSSMEVVGP N TKGHPFYRGN EDTPYEAVHR
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HSD3B7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HSD3B7
Alternative Name:	HSD3B7 (HSD3B7 Products)

Target Details

Background:	<p>This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: PFIC4, CBAS1, SDR11E3</p> <p>Protein Interaction Partner: NOTCH2NL, KRTAP10-3, KRTAP10-8, KRTAP10-1, KRTAP10-9, KRTAP4-2, SPRY2, UBC, KRTAP10-7, DAPP1, PYGL, ICAM1, Hoxa1,</p> <p>Protein Size: 369</p>
Molecular Weight:	41 kDa
Gene ID:	80270
NCBI Accession:	NM_025193 , NP_079469
UniProt:	Q9H2F3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 369 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

Handling

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.

Images

