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Datasheet for ABIN2783147

anti-Nephronectin antibody (Middle Region)

2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NPNT
Sequence:	TTGLTTIAPA ASTPPGGITV DNRVQTDQPQK PRGDVFIPRQ PSNDLFEIFE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NPNT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Nephronectin (NPNT)
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Target Details

Alternative Name:	NPNT (NPNT Products)
Background:	<p>NPNT is a functional ligand of integrin alpha-8/beta-1 in kidney development. It regulates with integrin alpha-8/beta-1 the expression of GDNF which is essential for kidney development. It may also play a role in the development and function of various tissues, regulating cell adhesion, spreading and survival through the binding of several integrins.</p> <p>Alias Symbols: EGFL6L, POEM</p> <p>Protein Interaction Partner: ITGA8,</p> <p>Protein Size: 565</p>
Molecular Weight:	62 kDa
Gene ID:	255743
NCBI Accession:	NM_001033047 , NP_001028219
UniProt:	Q6UXI9

Application Details

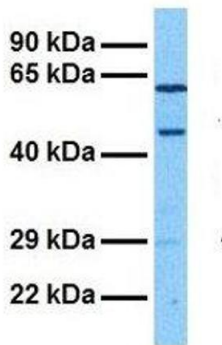
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 565 AA
Restrictions:	For Research Use only

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.



NPNT



Western Blotting

Image 1. WB Suggested Anti-NPNT Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: NPNT Sample Tissue: Human HepG2 Antibody Dilution: 1.0ug/ml