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anti-HNF4 gamma antibody (N-Term)

2 Images



Publication



Go to Product page

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Quantity:	100 μL
Target:	HNF4 gamma (HNF4G)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF4 gamma 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 HNF4G
Sequence:	MDMANYSEVL DPTYTTLEFE TMQILYNSSD SSAPETSMNT TDNGVNCLCA
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against HNF4G. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HNF4 gamma (HNF4G)
Alternative Name:	HNF4G (HNF4G Products)

Target Details

Background:	HNF4 was first identified as a DNA binding activity in rat liver nuclear extracts and then was
	found to be an orphan member of the nuclear receptor superfamily. Binding sites for this facto
	were identified in many tissue-specifically expressed genes, and the protein was found to be
	essential for early embryonic development in the mouse
	Alias Symbols: NR2A2, NR2A3
	Protein Interaction Partner: NSD1, NCOA1, PNRC2, COPS5, PNRC1, HAX1, RANBP9, PRDX6,
	EIF3I, NR0B2, TNNI2, SRC, GAPDH, HLF,
	Protein Size: 445
Molecular Weight:	50 kDa
Gene ID:	3174
NCBI Accession:	NM_004133, NP_004124
UniProt:	Q14541
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 445 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
	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
Storage Comment:	i of Short term use, store at 2-6 G up to 1 week. For long term storage, store at -20 G in Small

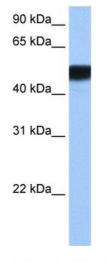
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) (PubMed).

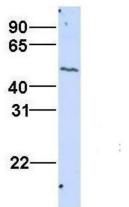
Images



Western Blotting

Image 1. WB Suggested Anti-HNF4G Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7 cell lysate

HNF4G



Western Blotting

Image 2. Host: Rabbit Target Name: HNF4G Sample Type: HepG2 Antibody Dilution: 1.0ug/ml HNF4G is supported by BioGPS gene expression data to be expressed in HepG2