

# Product Datasheet

## **HNF-4 alpha/NR2A1 Antibody** **H00003172-D01P**

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00003172-D01P**

HNF-4 alpha/NR2A1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

**Product Description**

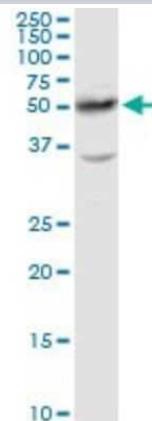
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3172
<b>Gene Symbol</b>	HNF4A
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	HNF4A - hepatocyte nuclear factor 4, alpha,
<b>Immunogen</b>	HNF4A (NP_849180.1, 1 a.a. - 464 a.a.) full-length human protein. MRLSKTLVDMDMADYSAALDPAYTTLFENVQVLTMGNNTSPSEGTLNAPN SLGVSALCAICGDRATGKHYGASSCDGCKGFFRRSVRKNHMYSRQCVV DKDKRNQCRCYCRLLKKCFRAGMKKEAVQNERDRISTRSSYEDSSLPSINALLQ AEVLSRQITSPVSGINGDIRAKKIASIADVCESMKEQLLVLEWAKYIPAFCELPL DDQVALLRAHAGEHLLLGATKRSMVFKDVLLGNDYIVPRHCPPELAEMSRVSIR ILDELVLPFQELQIDDNEYAYLKAIIFDPDAKGLSDPGKIKRLRSQVQSVLEDYI NDRQYDSRGRFGELLLLPTLQSITWQMIEQIQLFGMAKIDNLLQEMLLGGS PSDAPHAAHPLHPHLMQEHMGTNVIVANTMPTHLSNGQMSTPETPQPSPPGG SGSEPYKLLPGAVATIVKPLSAIPQPTITKQEVI
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

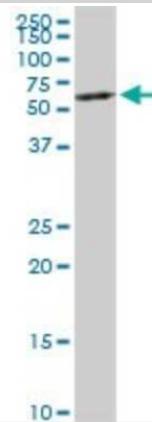
<b>Applications</b>	Western Blot, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

## Images

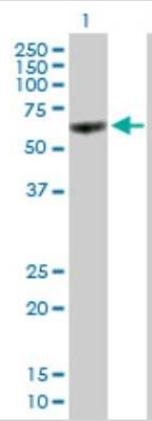
Western Blot: HNF-4 alpha/NR2A1 Antibody [H00003172-D01P] - Analysis of HNF4A expression in Raw 264.7.



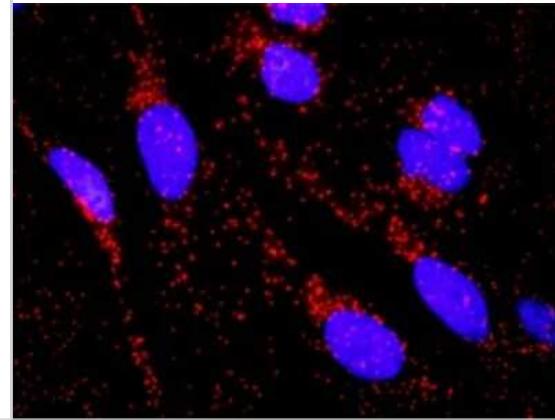
Western Blot: HNF-4 alpha/NR2A1 Antibody [H00003172-D01P] - Analysis of HNF4A expression in HeLa.



Western Blot: HNF-4 alpha/NR2A1 Antibody [H00003172-D01P] - Analysis of HNF4A expression in transfected 293T cell line by HNF4A polyclonal antibody. Lane 1: HNF4A transfected lysate(51.60 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: HNF-4 alpha/NR2A1 Antibody [H00003172-D01P] - Analysis of protein-protein interactions between HNF4A and CTNNB1. HeLa cells were stained with anti-HNF4A rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



## Publications

Furumiya M, Inoue K, Ohta K et al. Transcriptional regulation of PCFT by KLF4, HNF4alpha, CDX2 and C/EBPalpha: implication in its site-specific expression in the small intestine. *Biochem Biophys Res Commun.* 2013-01-03 [PMID: 23313509]



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## **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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