

Datasheet for ABIN2779763
anti-HNF4A antibody (Middle Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HNF4A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Horse, Rabbit, Guinea Pig, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HNF4A
Sequence:	RGQAATPETP QPSPPGGSGS EPYKLLPGAV ATIVKPLSAI PQPTITKQEV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%, Sheep: 93%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against HNF4A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HNF4A
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Target Details

Alternative Name:	HNF4A (HNF4A Products)
Background:	<p>The protein encoded by HNF4A is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression</p> <p>Alias Symbols: FLJ39654, HNF4, HNF4a7, HNF4a8, HNF4a9, MODY, MODY1, NR2A1, NR2A21, TCF, TCF14, HNF4alpha</p> <p>Protein Interaction Partner: PIAS4, SUMO1, SUMO2, RNF4, SUB1, CREBBP, TBP, TAF9, TAF6, TADA2A, GTF2H1, GTF2B, ANP32B, MDM2, GPS2, PPARGC1A, HNF4A, NCOA6, SMAD4, SMAD3, PNRC2, COPS5, PNRC1, NR0B2, NRIP1, UBE2I, PROX1, NPPA, SREBF2, VDR, MAPK3, MAPK1, SIRT1, SREBF1, XPO1, SP1, HDAC3, T</p> <p>Protein Size: 452</p>
Molecular Weight:	50 kDa
Gene ID:	3172
NCBI Accession:	NM_175914 , NP_787110
Pathways:	AMPK Signaling , Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Carbohydrate Homeostasis , Cell-Cell Junction Organization , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 452 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.

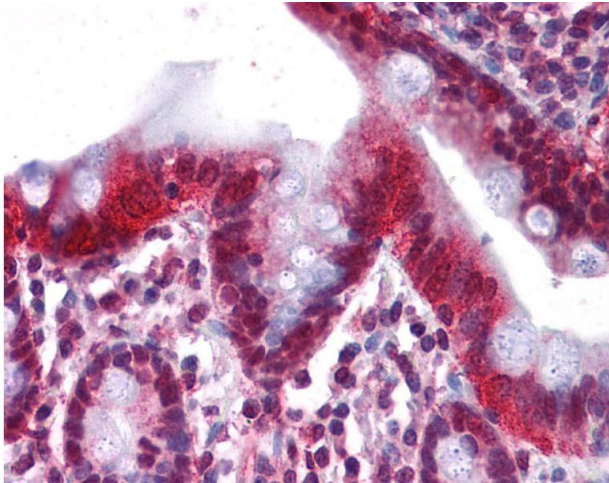
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

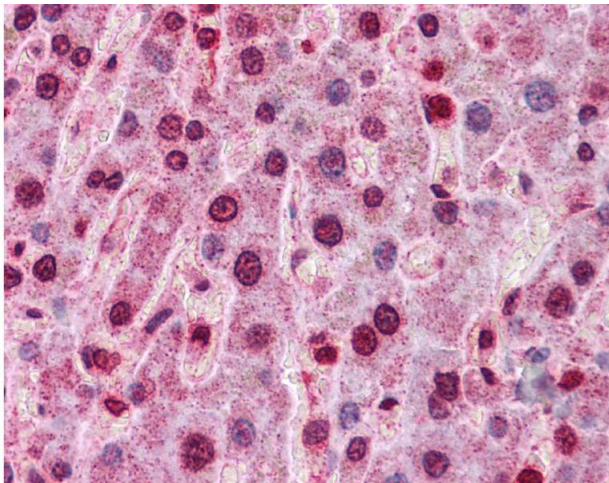
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



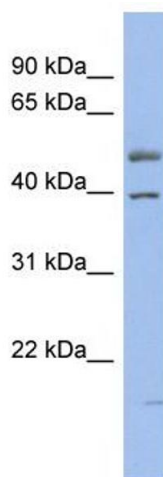
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-HNF4A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate HNF4A is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779763.