

Datasheet for ABIN185378
anti-HNF4A antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	HNF4A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HNF4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	HNF4A
Immunogen:	Peptide with sequence RLSKTLVDMDMADY-C, from the N Terminus of the protein sequence according to NP_849180.1, NP_000448.3, NP_849181.1.
Sequence:	RLSKTLVDMD MADY
Isotype:	IgG
Specificity:	This antibody is expected to recognise the reported isoforms a, b and c (NP_849180.1, NP_000448.3, NP_849181.1 resp.).
Cross-Reactivity:	Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: HNF4A

Alternative Name: HNF4A ([HNF4A Products](#))

Background: HNF4A, TCF, HNF4, NR2A1, TCF14, HNF4a7, HNF4a8, HNF4a9, NR2A21, hepatocyte nuclear factor 4, alpha, HNF4-alpha, transcription factor-14, FLJ39654, HNF4alpha, MODY, MODY1, HNF4alpha10/11/12, hepatic nuclear factor 4 alpha

Gene ID: 3172

NCBI Accession: [NP_849180](#), [NP_000448](#), [NP_849181](#)

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: Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 2 µg/mL.
Western Blot: Approx 55 kDa and 48 kDa bands observed in lysates of cell line HepG2 (calculated MW of 52.8 kDa according to Human NP_000448.3 , 46.6 kDa according to Human NP_849181.1). Recommended concentration: 0.1-0.5 µg/mL. Primary incubation was 1 hour.
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

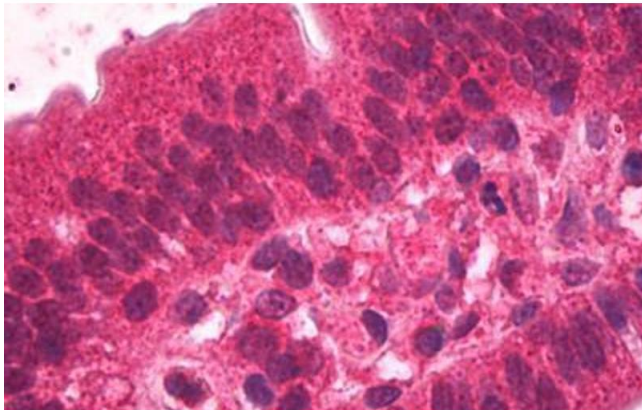
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

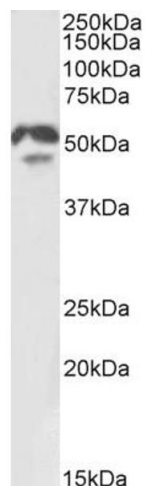
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN185378 (2µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185378 (0.5µg/ml) staining of Mouse Small Intestine lysate (35µg protein in RIPA buffer). . Detected by chemiluminescence.



Western Blotting

Image 3. ABIN185378 (0.1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.