Datasheet for ABIN334504

anti-HNF1A antibody (Internal Region)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	HNF1A
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HNF1A antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	TCF1 / HNF1
Immunogen:	Peptide with sequence C-DELPTKKGRRNRFK, from the internal region of the protein sequence according to NP_000536.3.
Sequence:	DELPTKKGRR NRFK
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

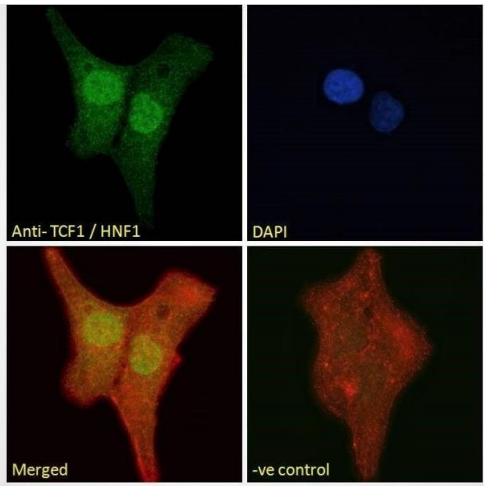
Target:	HNF1A
Alternative Name:	HNF1A (HNF1A Products)
Background:	TCF1, transcription factor 1, hepatic LF-B1, hepatic nuclear factor (HNF1), albumin proximal factor , HNF1, HNF1A, LFB1, MODY3 , Interferon production regulator factor (HNF1), albumin proximal factor, hepatic nuclear factor 1, maturity onset diabetes of t
Gene ID:	6927, 21405, 24817
NCBI Accession:	NP_000536
Pathways:	Hormone Transport, Carbohydrate Homeostasis

Application Details

Application Notes:	Western Blot: A customer reported a weak band at approx. 75 kDa on lysate of cell line Caco-2, at a concentration of 3 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the nuclei of HepG2 and U2OS cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 1
Restrictions:	For Research Use only

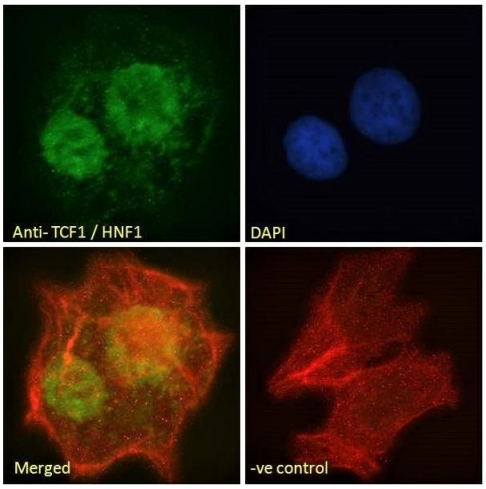
Handling

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 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.



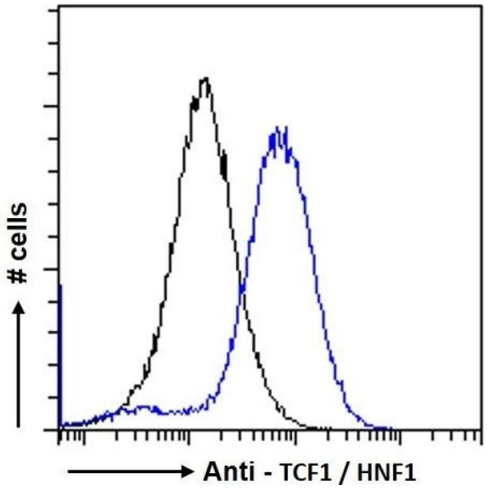
Immunofluorescence

Image 1. ABIN334504 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. Actin filaments were stained wit



Immunofluorescence

Image 2. ABIN334504 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. Actin filaments were stained wi



Flow Cytometry

Image 3. ABIN334504 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µ g/mL). IgG control: Unimmunized goat IgG (black line) fo