

Goat HNF4A Antibody | anti-HNF4A antibody

Goat Anti-HNF4A Antibody

CATALOG # AAA61827	HOST Goat	REACTIVITY Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog	APPLICATIONS Immunofluorescence, ELISA
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PRODUCT SYNONYMS

HNF4A; Goat Anti-HNF4A Antibody; hepatocyte nuclear factor 4; alpha ; FLJ39654; HNF4; HNF4a7; HNF4a8; HNF4a9; MODY; MODY1; NR2A1; NR2A21; TCF; TCF14; HNF4-alpha; hepatic nuclear factor 4 alpha; hepatocyte nuclear factor 4 alpha; transcription factor-14; anti-HNF4A antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	464
Applicable Applications for anti-HNF4A antibody	IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-HPHLMQEHEMGTN, from the internal region of the protein sequence according to NP_849180.1; NP_000448.3; NP_787110.2; NP_001025174.1; NP_001245284.1; NP_001274111.1; NP_001274112.1.
Peptide Sequence	HPHLMQEHEMGTN
Important comments	This antibody is expected to recognise isoforms 1, 2, 4, 5, 7, 8 and 9
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing a low level of nuclear staining. Actin filaments

ADDITIONAL INFORMATION

References	Aguilar-Salinas CA, Reyes-Rodriguez E, Ordonez-Sanchez ML, Torres MA, Ramirez-Jimenez S, Dominguez-Lopez A, Martinez-Francois JR, Velasco-Perez ML, Alpizar M, Garcia-Garcia E, Gomez-Perez F, Rull J, Tusie-Luna MT.: Early-onset type 2 diabetes: metabolic and genetic characterization in the mexican population. J Clin Endocrinol Metab. 2001 Jan;86(1):220-6. PMID: 11232004
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31077207
NCBI GeneID	3172
NCBI Accession #	NP_849180.1; NP_000448.3; NP_787110.2; NP_001025174.1; NP_001245284.1; NP_001274111.1; NP_001274112.1
NCBI GenBank Nucleotide #	NP_849180.1
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha isoform 1
NCBI Official Synonym Full Names	hepatocyte nuclear factor 4 alpha
NCBI Official Symbol	HNF4A
NCBI Official Synonym Symbols	TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
NCBI Protein Information	hepatocyte nuclear factor 4-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/goat-dog-human-mouse-rat-antibody/hnf4a/61827>