

Anti-HNF1A antibody

Cat. No.	ml260491
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HNF1A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human HNF1A
Reactivity	Human, Mouse, Rat
Content	0.78 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HNF1A
Full name	HNF1 homeobox A

Synonyms HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20

Swissprot P20823

Target Background

The protein encoded by this gene is a transcription factor required for the expression of several liver-specific genes. The encoded protein functions as a homodimer and binds to the inverted palindrome 5'-GTTAATNATTAAC-3'. Defects in this gene are a cause of maturity onset diabetes of the young type 3 (MODY3) and also can result in the appearance of hepatic adenomas. Alternative splicing results in multiple transcript variants encoding different isoforms.

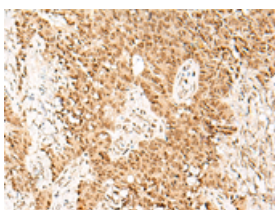
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 30-150

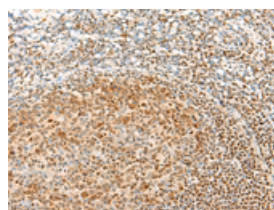


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml260491(HNF1A Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Nucleus

Positive control: Human tonsil

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml260491(HNF1A Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 67 kDa

Positive control: Hela cell lysate

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

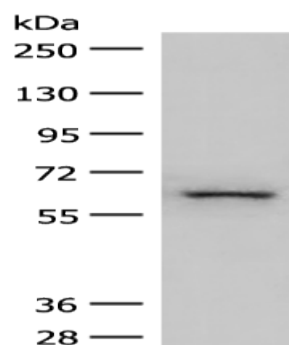
Lysate: 40 μ g

Lane: Hela cell lysate

Primary antibody: ml260491(HNF1A Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 5000-10000

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