

TCF1 / HNF1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2551a**Specification**

TCF1 / HNF1 Antibody (internal region) - Product Information

Application	E
Primary Accession	P20823
Other Accession	NP_000536.3 , 6927 , 21405 (mouse) , 24817 (rat)
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	67356

TCF1 / HNF1 Antibody (internal region) - Additional Information**Gene ID** 6927**Other Names**

Hepatocyte nuclear factor 1-alpha, HNF-1-alpha, HNF-1A, Liver-specific transcription factor LF-B1, LFB1, Transcription factor 1, TCF-1, HNF1A, TCF1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TCF1 / HNF1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TCF1 / HNF1 Antibody (internal region) - Protein Information**Name** HNF1A**Synonyms** TCF1**Function**Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver (By similarity). Binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed: <http://www.uniprot.org/citations/10966642> target="_blank">10966642, PubMed: <http://www.uniprot.org/citations/12453420>)

target="_blank">12453420). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:10966642, ECO:0000269|PubMed:38018242}

Tissue Location

Liver.

TCF1 / HNF1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCF1 / HNF1 Antibody (internal region) - Images**TCF1 / HNF1 Antibody (internal region) - References**

Genetic evidence that HNF-1alpha-dependent transcriptional control of HNF-4alpha is essential for human pancreatic beta cell function. Hansen SK, Parrizas M, Jensen ML, Pruhova S, Ek J, Boj SF, Johansen A, Maestro MA, Rivera F, Eiberg H, Andel M, Lebl J, Pedersen O, Ferrer J, Hansen T. J Clin Invest. 2002 Sep;110(6):827-33. PMID: 12235114