

Product datasheet for **AP52066PU-N**

HNF1 beta (HNF1B) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 505-536 amino acids from the C-terminal region of human HNF1B
Specificity:	This antibody recognizes Human HNF1 beta / TCF2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	HNF1 homeobox B
Database Link:	Entrez Gene 6928 Human P35680



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Background:

This gene encodes a member of the homeodomain-containing superfamily of transcription factors. The protein binds to DNA as either a homodimer, or a heterodimer with the related protein hepatocyte nuclear factor 1-alpha. The gene has been shown to function in nephron development, and regulates development of the embryonic pancreas. Mutations in this gene result in renal cysts and diabetes syndrome and noninsulin-dependent diabetes mellitus, and expression of this gene is altered in some types of cancer. Multiple transcript variants encoding different isoforms have been found for this gene

Synonyms:

HNF-1-beta, HNF-1B, Transcription factor 2, TCF-2, vHNF1, LFB3

Note:

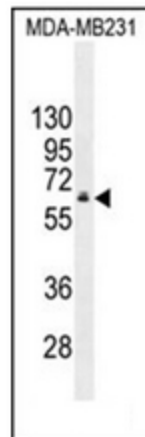
Molecular Weight: 61324 Da

Protein Families:

Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transcription Factors

Protein Pathways:

Maturity onset diabetes of the young

Product images:

Western blot analysis of HNF1 beta / TCF2 Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HNF1B antibody detected the HNF1B protein (arrow).