

Datasheet for ABIN3031242
anti-HNF1B antibody (AA 498-529)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HNF1B
Binding Specificity:	AA 498-529
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNF1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 498-529 from the human protein was used as the immunogen for this HNF1B antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	HNF1B
Alternative Name:	HNF1B (HNF1B Products)
Background:	This gene encodes a member of the homeodomain-containing superfamily of transcription

Target Details

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.

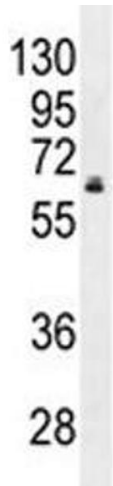
UniProt:	P35680
Pathways:	Hormone Transport , Stem Cell Maintenance , Tube Formation

Application Details

Application Notes:	Titration of the HNF1B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the HNF1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. HNF1B antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight ~ 61 kDa.



Western Blotting

Image 2. HNF1B antibody western blot analysis in MDA-MB231 lysate. Predicted molecular weight ~ 61 kDa.