

For Research Use Only

# FNDC3B Recombinant antibody

Catalog Number: 86272-1-RR



## Basic Information

<b>Catalog Number:</b> 86272-1-RR	<b>GenBank Accession Number:</b> BC039297	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64778	<b>CloneNo.:</b> 250827H1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q53EP0	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> fibronectin type III domain containing 3B	
<b>Immunogen Catalog Number:</b> AG18357	<b>Calculated MW:</b> 1204 aa, 133 kDa	
	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HepG2 cells, HeLa cells, U-251 cells, 3T3-L1 cells, C6 cells

## Background Information

Fibronectin type III domain-containing protein 3B(FNDC3B), also named FAD104, belongs to the FNDC3 family. FNDC3B is a positive regulator of adipocyte differentiation and is expressed at an early stage of adipocyte differentiation. FNDC3B is an endoplasmic reticulum transmembrane protein with a single transmembrane domain at the C terminus preceded by nine repeated fibronectin type III domains(PMID: 32966780). Due to the ability of the fibronectin type III domain to bind to a variety of proteins, FNDC3B plays a crucial role in cell adhesion, proliferation, and growth signaling. FNDC3B is abnormally expressed in a variety of human cancers, including hepatocellular carcinoma, acute myeloid leukemia, colorectal carcinoma, and cervical carcinoma(PMID: 36275754).

## Storage

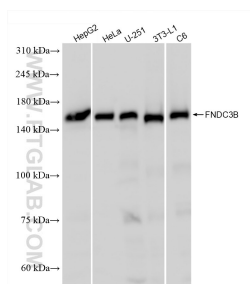
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86272-1-RR (FND3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.