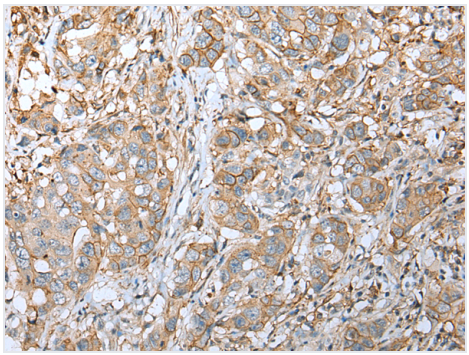
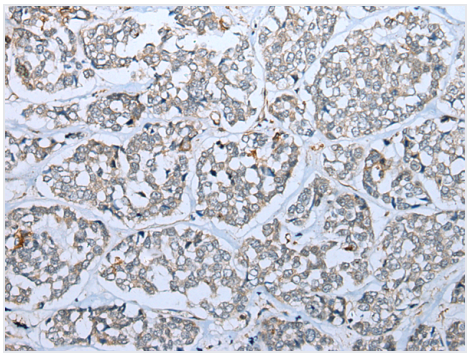
FNDC3B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FNDC3B, Polyclonal Antibody
Full Product Name	FNDC3B Polyclonal Antibody
Product Gene Name	anti-FNDC3B antibody
Product Synonym Names	DKFZp686D14170; DKFZp762K137; Factor for adipocyte differentiation 104; FAD104; Fibronectin type III domain containing 3B; FLJ23399; HCV NS5A binding protein 37; MGC10002; NS5ABP37; PRO4979; YVTM2421
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	611909
3D Structure	ModBase 3D Structure for Q53EP0
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Product Categories/Family for anti-FNDC3B antibody	Metabolism; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FNDC3B antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-FNDC3B antibody	IHC: 1:25-1:100 ELISA: 1:5000-1:10000
Related Product Information for anti-FNDC3B antibody	Adipogenesis, the process of transforming pre-adipocytes into mature fat cells, is of particular interest due to the role adipocytes play in obesity and type II diabetes. Adipocytes have been shown to affect a variety of functions, including hemostasis, angiogenesis and energy balance, by secreting hormones and bioactive peptides. The FNDC3B protein, also designated FAD104 (factor for adipocyte differentiation 104) or HCV NS5A-binding protein 37, is expressed during early adipogenesis. Belonging to the FNDC3 family of proteins, FNDC3B is a 1,204 amino acid protein that contains nine fibronectin type-III domains. FNDC3B-deficient mice die within one day of birth, suggesting that FNDC3B is crucial for postpartum survival. Mouse embryonic fibroblasts (MEFs) with loss of FNDC3B function displayed a reduction in stress fiber formation, indicating a role for FNDC3B in cell proliferation, adhesion, spreading and migration.
Other Notes	Small volumes of anti-FNDC3B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FNDC3B purchase	MBS2560229 is an antibody targeting FNDC3B. Also known as FNDC3B Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FNDC3B antibody
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using FNDC3B Polyclonal Antibody at dilution of 1:25(×200)



Immunohistochemistry (IHC) of anti-FNDC3B antibody
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using FNDC3B Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FNDC3B. It may not necessarily be applicable to this product.

NCBI GI #	205360932
NCBI GeneID	64778
NCBI Accession #	NP_073600.3
NCBI Related Accession #	BC012204
UniProt Primary Accession #	Q53EP0
UniProt Related Accession #	Q53EP0
GenBank Nucleotide #	NP_073600.3
NCBI Official Full Name	fibronectin type III domain-containing protein 3B
NCBI Official Synonym Full Names	fibronectin type III domain containing 3B
NCBI Official Symbol	FNDC3B
NCBI Official Synonym Symbols	FAD104; PRO4979; YVTM2421
UniProt Protein Name	Fibronectin type III domain-containing protein 3B
UniProt Synonym Protein Names	Factor for adipocyte differentiation 104; HCV NS5A-binding protein 37
Protein Family	Fibronectin type III domain-containing protein
UniProt Gene Name	FNDC3B
UniProt Synonym Gene Names	FAD104; NS5ABP37
UniProt Entry Name	FND3B_HUMAN
NCBI Protein Information	fibronectin type III domain-containing protein 3B
UniProt Comments for FNDC3B	FNDC3B: May be a positive regulator of adipogenesis. Belongs to the FNDC3 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 3q26.31 Cellular Component: integral to membrane
Research Articles on FNDC3B	**1.** These findings demonstrate that FAD104 is a novel suppressor of TGF-beta signalling and represses TGF-beta-mediated EMT in cervical cancer cells.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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