

## FNDC3B Antibody

Catalog No: #42886

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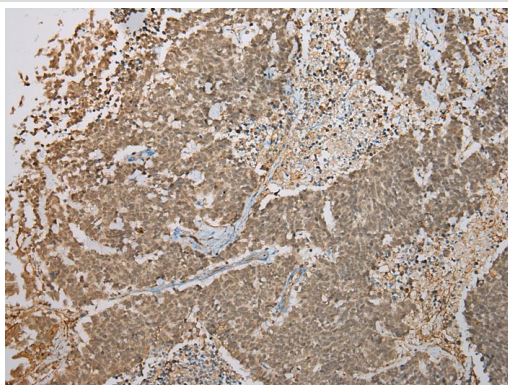
## Description

Product Name	FNDC3B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FNDC3B protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human FNDC3B
Target Name	FNDC3B
Other Names	FAD104; PRO4979; YVTM2421
Accession No.	Swiss-Prot#: Q53EP0 Gene ID: 64778
Uniprot	Q53EP0
GeneID	64778;
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

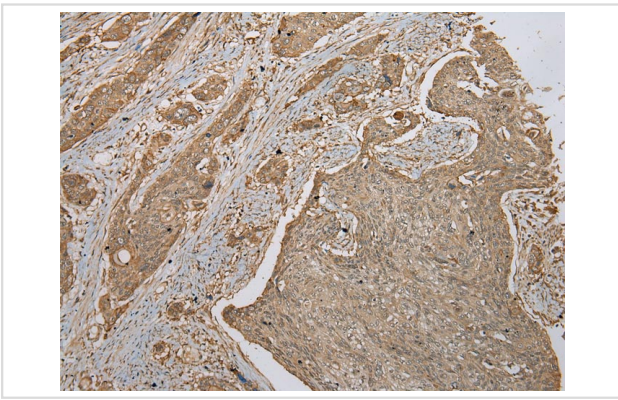
## Application Details

Immunohistochemistry: 1:100-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human Lung cancer tissue using #42886 at dilution 1/200.



Immunohistochemical analysis of paraffin-embedded Human Esophagus cancer tissue using #42886 at dilution 1/200.

## Background

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.

Note: This product is for in vitro research use only