

## NDUFAB1 Antibody

Catalog No: #37755

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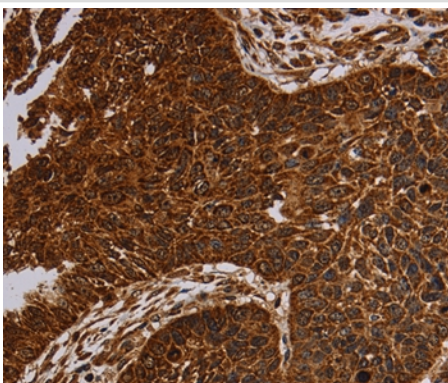
## Description

Product Name	NDUFAB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NDUFAB1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa
Target Name	NDUFAB1
Other Names	ACP; SDAP; FASN2A
Accession No.	Swiss-Prot#: O14561NCBI Gene ID: 4706Gene Accssion: NP_004994
Uniprot	O14561
GeneID	4706;
Concentration	3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

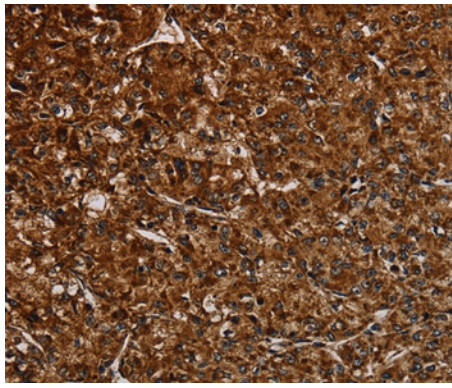
## Application Details

Immunohistochemistry: 1:100-1:300

## Images



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #37755 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #37755 at dilution 1/50.

## Background

NDUFAB1 (NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1), also known as SDAP, ACP (acyl carrier protein) or FASN2A, is one of about 45 subunits comprising Complex I of the oxidative phosphorylation electron transport chain. Consisting of 156 amino acids and localizing to mitochondria, NDUFAB1 functions as an accessory subunit of the multi-protein mitochondrial membrane respiratory chain NADH dehydrogenase complex (known as Complex I). Complex I plays an important role in the transfer of electrons from NADH to the respiratory chain, a process that is essential for cellular respiration. NDUFAB1 contains one acyl carrier domain and is encoded by a gene that maps to human chromosome 16p12.2 and mouse chromosome 7 F3.

Note: This product is for in vitro research use only