NDUFAB1 Polyclonal Antibody

Catalog Number:E-AB-13443

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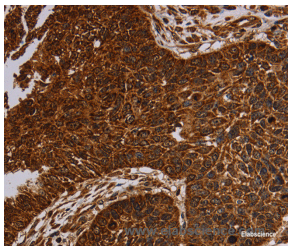
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

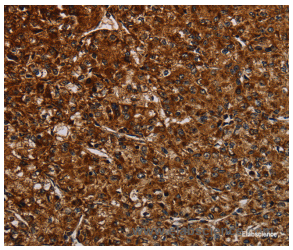
Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human NDUFAB1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:100-1:300

Data



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using NDUFAB1 Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using NDUFAB1 Polyclonal Antibody at dilution 1:50

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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.

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