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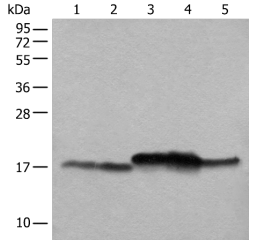
NDUFB11 Polyclonal Antibody

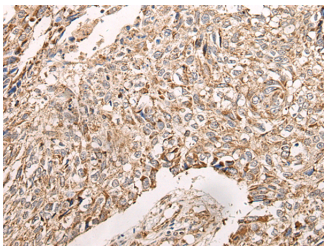
Catalog No.	E-AB-52254	**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

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

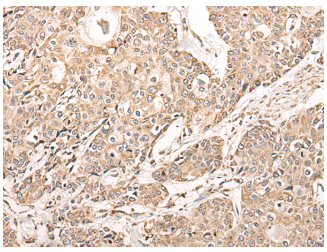
Images



Western blot analysis of Mouse brain tissue Mouse liver tissue 231 cell K562 cell A431 cell lysates using NDUFB11 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using NDUFB11 Polyclonal Antibody at dilution of 1:95(×200)



Immunohistochemistry of paraffin-embedded Human prost ate cancer tissue using NDUFB11 Polyclonal Antibody at dilution of 1:95(×200)

Immunogen Information

Immunogen	Full length fusion protein
Gene Accession	BC010665
Swissprot	Q9NX14
Synonyms	ESSS,FLJ20494,NADH ubiquinone oxidoreductase ESSS subunit,NDUFB 11,Neuronal protein 17.3,Np15,NP17.3,P17.3

Product Information

Calculated MW	17 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

Complex 1 (also known as NADH dehydrogenase) of the electron transport chain (respiratory chain) is an enzymatic complex that catalyzes the transfer of electrons from NADH to ubiquinone. Free energy from the reaction is conserved in the transfer of protons into the intermembrane space to create an electrochemical proton gradient, a driving force for ATP synthesis. Complex 1 is a complicated, multi-protein, L-shaped complex composed of at least 45 different subunits and located in the mitochondrial inner membrane. NDUFB11 (NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 11), also known as ESSS, Np15, Np17.3 (neuronal protein 17.3) or p17.3, is a hydrophobic transmembrane protein belonging to the Complex I NDUFB11 subunit family. Ubiquitously expressed, NDUFB11 localizes to the inner membrane of the mitochondrion and functions as an accessory subunit of Complex I. The cAMP-dependent phosphorylation of NDUFB11 is important for the regulation of Complex I activity.