NDUFA2 Antibody

Catalog No: #36640

Orders: order@signalwayantibody.com
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Description

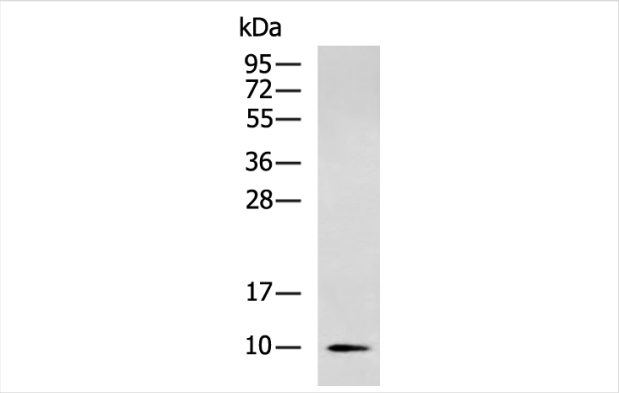
Product Name	NDUFA2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NDUFA2 protein.
Immunogen Description	Fusion protein of human NDUFA2
Target Name	NDUFA2
Other Names	B8; CD14; CIB8
Accession No.	Swiss-Prot#: O43678NCBI Gene ID: 4695Gene Accssion: BC003674/O43678
Uniprot	O43678
GeneID	4695;
SDS-PAGE MW	11kd
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

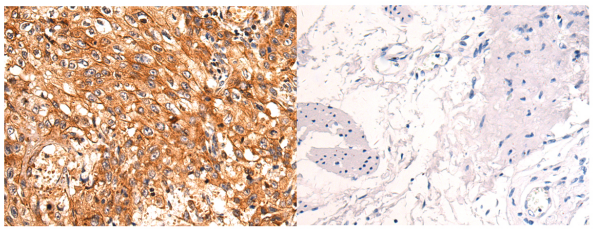
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

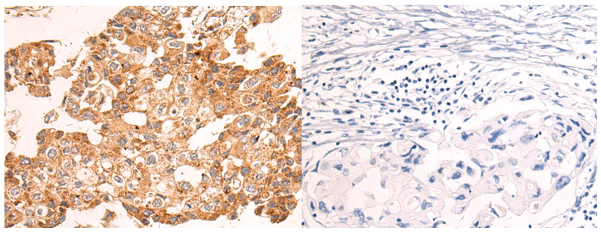
Images



Gel: 12%SDS-PAGE
Lysate: 40 ΞOg
Lane: Mouse heart tissue lysate
Primary antibody: 36640(NDUFA2 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 2 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 36640(NDUFA2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: Γ 200)



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 36640(NDUFA2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: Γ 200)

Background

The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Mutations in this gene are associated with Leigh syndrome, an early-onset progressive neurodegenerative disorder.

Note: This product is for in vitro research use only