

NDUFA8 Antibody

Catalog No: #34829

Package Size: #34829-1 50ul #34829-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

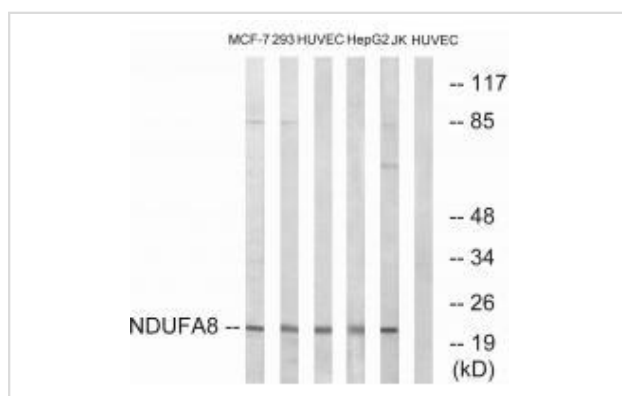
Product Name	NDUFA8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NDUFA8 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human NDUFA8.
Target Name	NDUFA8
Other Names	CI-19KD; CI-PGIV; complex I-19KD; complex I-PGIV; EC 1.6.5.3
Accession No.	Swiss-Prot: P51970NCBI Gene ID: 4702
Uniprot	P51970
GeneID	4702;
SDS-PAGE MW	22kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

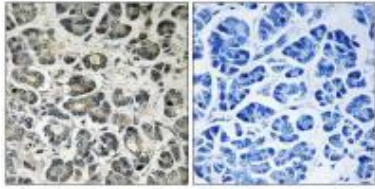
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from MCF-7 cells, 293 cells, HUVEC cells, HepG2 cells and Jurkat cells, using NDUFA8 antibody #34829.

Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using NDUFA8 antibody #34829.



Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Triepels R., Hum. Genet. 103:557-563(1998).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Sarto C., Electrophoresis 18:599-604(1997).

Note: This product is for in vitro research use only