

NDUFS7 antibody

Product Information

Catalog No.:	FNab05634
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.

Immunogen information

Immunogen:	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
Synonyms:	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial Complex I-20kD (CI-20kD) NADH-ubiquinone oxidoreductase 20 kDa subunit PSST subunit NDUFS7
Observed MW:	24 kDa
Uniprot ID :	O75251

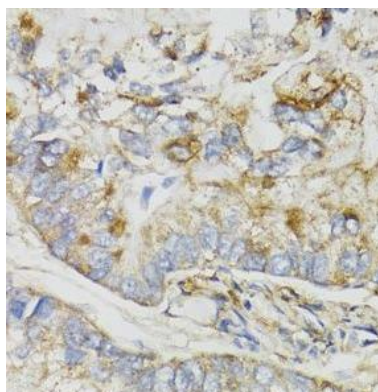
Application

Reactivity:	Human, Mouse, Rat
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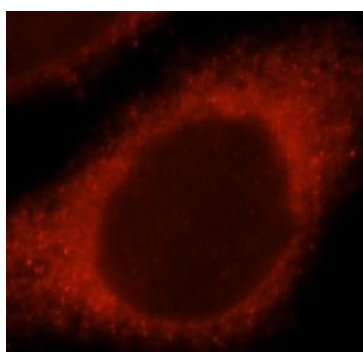
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:50 - 1:100

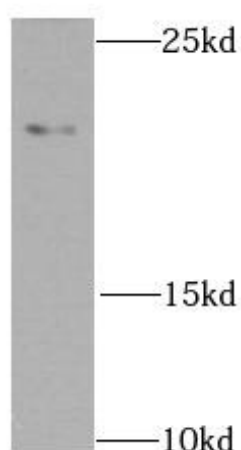
Image:



Immunohistochemistry of paraffin-embedded human gastric cancer using FNab05634(NDUFS7 antibody) at dilution of 1:100



Immunofluorescent analysis of Hela cells, using FNab05634(NDUFS7 antibody) at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



human brain tissue were subjected to SDS PAGE followed by western blot with FNab05634(NDUFS7 antibody) at dilution of 1:1000