Datasheet for ABIN7239254

anti-NDUFS2 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	NDUFS2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human NDUFS2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	NDUFS2
Alternative Name:	NDUFS2 (NDUFS2 Products)
Background:	The protein encoded by this gene is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I). Mammalian mitochondrial complex I is composed of at least 43 different subunits, 7 of which are encoded by the mitochondrial genome, and the rest are the products of nuclear genes. The iron-sulfur protein fraction of complex I is made up

Target Details

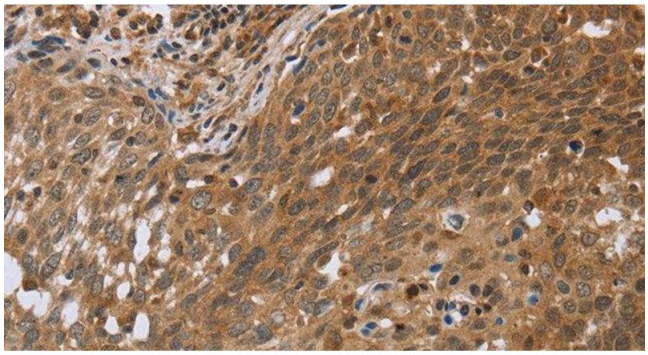
	of 7 subunits, including this gene product. Complex I catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	53 kDa
NCBI Accession:	NP_004541
UniProt:	O75306

Application Details

Application Notes:	WB 1:200-1:1000, IHC 1:50-1:200
Restrictions:	For Research Use only

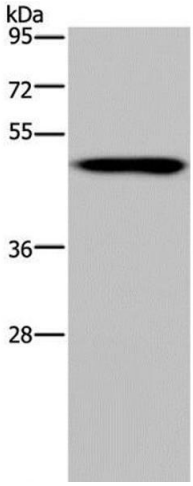
Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



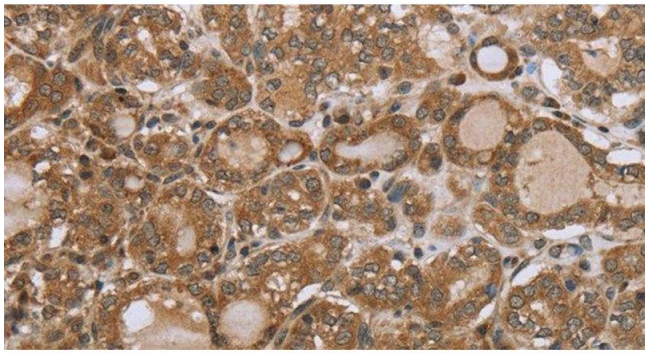
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer using NDUFS2 Polyclonal Antibody at dilution of 1:35



Western Blotting

Image 2. Western Blot analysis of Mouse heart tissue using NDUFS2 Polyclonal Antibody at dilution of 1:250



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human thyroid cancer using NDUFS2 Polyclonal Antibody at dilution of 1:35

