

Datasheet for ABIN2855190
anti-NDUFS5 antibody (Center)

3 Images

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Overview

Quantity:	100 µL
Target:	NDUFS5
Binding Specificity:	Center
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NDUFS5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Cross-Reactivity (Details):	Chimpanzee (100 %)
Characteristics:	Rabbit Polyclonal antibody to NDUFS5 (NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15 kDa (NADH-coenzyme Q reductase)) NDUFS5 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

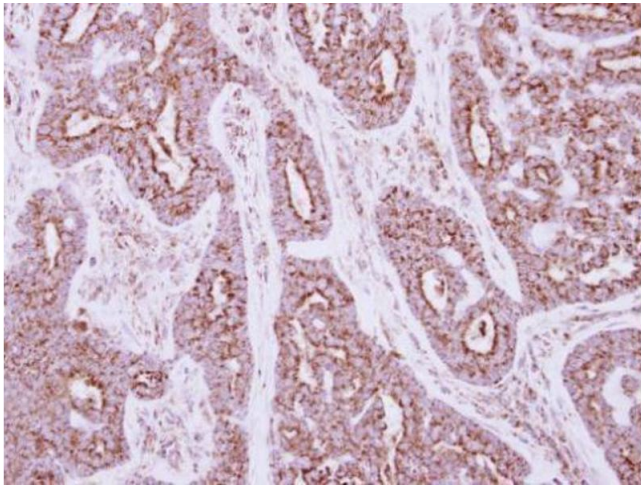
Target:	NDUFS5
Alternative Name:	NDUFS5 (NDUFS5 Products)
Background:	<p>This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17.</p> <p>Cellular Localization: Mitochondrion inner membrane, Peripheral membrane protein, Matrix side</p>
Molecular Weight:	13 kDa
Gene ID:	4725

Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: 293T , Raji
Restrictions:	For Research Use only

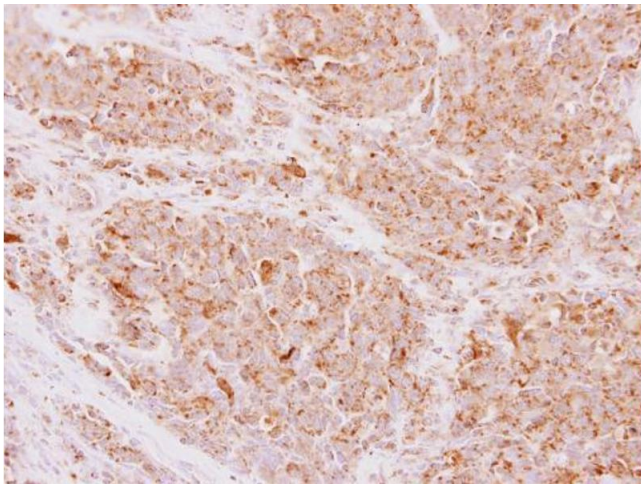
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



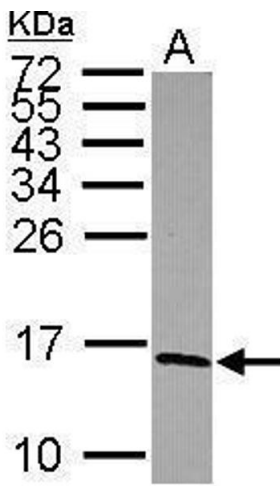
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using NDUF5, antibody at 1:250 dilution.



Immunohistochemistry

Image 2. IHC-P Image NDUF5 antibody detects NDUF5 protein at mitochondria on human lung adenocarcinoma by immunohistochemical analysis. Sample: NDUF5 antibody , dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Raji 15% SDS PAGE antibody diluted at 1:1000