



[Go to Product page](#)

Datasheet for ABIN7160892
anti-NDUFA13 antibody (AA 52-144)

3 Images

Overview

Quantity:	100 µL
Target:	NDUFA13
Binding Specificity:	AA 52-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 protein (52-144AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	NDUFA13
Alternative Name:	NDUFA13 (NDUFA13 Products)
Background:	Background: Accessory subunit of the mitochondrial membrane respiratory chain NADH

Target Details

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. Involved in the interferon/all-trans-retinoic acid (IFN/RA) induced cell death. This apoptotic activity is inhibited by interaction with viral IRF1. Prevents the transactivation of STAT3 target genes. May play a role in CARD15-mediated innate mucosal responses and serve to regulate intestinal epithelial cell responses to microbes.

Aliases: 2700054G14Rik antibody, AU022060 antibody, B16.6 antibody, CDA016 antibody, Cell death regulatory protein antibody, Cell death regulatory protein GRIM-19 antibody, CGI-39 antibody, CGI39 protein antibody, CI-B16.6 antibody, Complex I-B16.6 antibody, FLJ58045 antibody, FLJ59191 antibody, Gene associated with retinoic and IFN-induced mortality 19 protein antibody, Gene associated with retinoic and interferon-induced mortality 19 protein antibody, Gene associated with retinoic interferon induced mortality 19 protein antibody, GRIM-19 antibody, NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13 antibody, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13 antibody, NADH ubiquinone oxidoreductase B16.6 subunit antibody, NADH-ubiquinone oxidoreductase B16.6 subunit antibody, NDUAD_HUMAN antibody, NDUFA13 antibody, RGD1565358 antibody

UniProt: [Q9P0J0](#)

Pathways: [Protein targeting to Nucleus](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

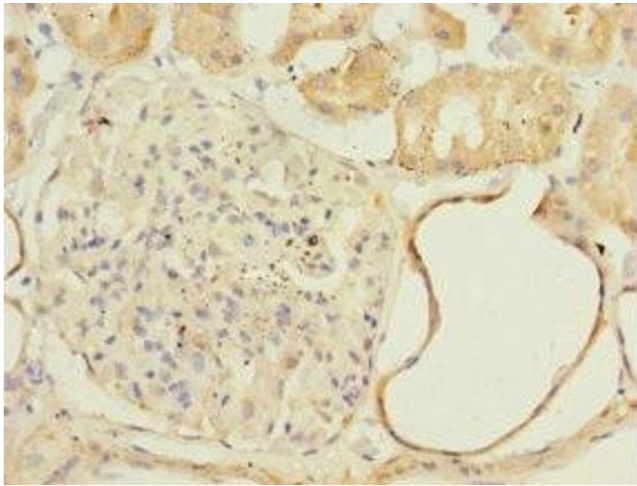
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

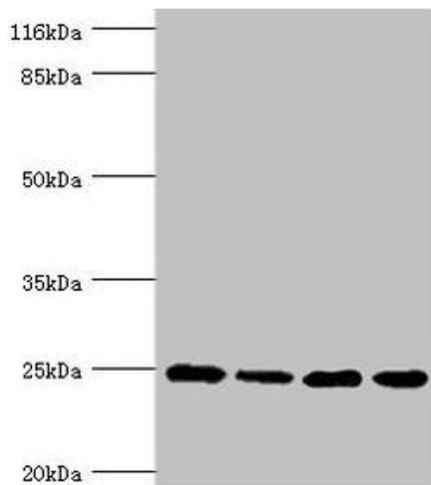
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



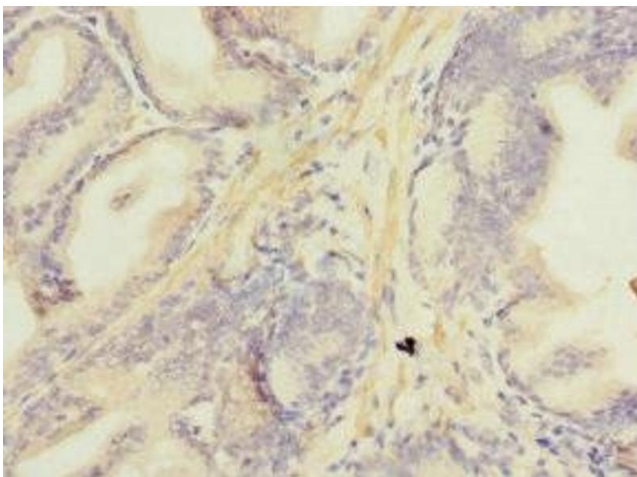
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7160892 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: NDUFA13 antibody at 3.97 µg/mL Lane 1: 293T whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 17, 25 kDa Observed band size: 25 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7160892 at dilution of 1:100