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Datasheet for ABIN6263558
anti-NDUFA13 antibody (N-Term)

4 Images

Overview

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

Product Details

Immunogen:	A synthesized peptide derived from human NDUFA13, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	NDUFA13 Antibody detects endogenous levels of total NDUFA13.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NDUFA13
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Target Details

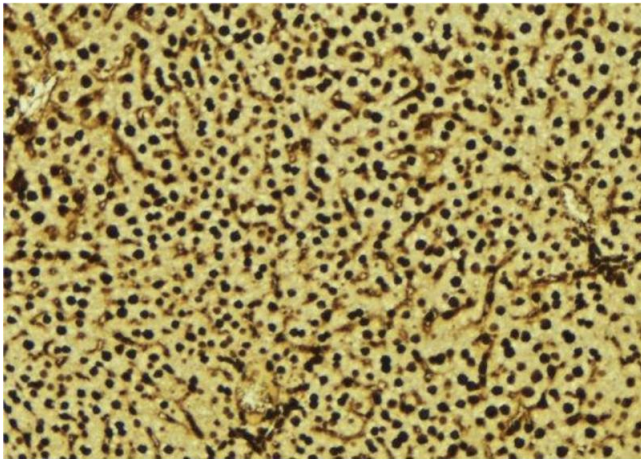
Alternative Name:	NDUFA13 (NDUFA13 Products)
Background:	<p>Description: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis (PubMed:27626371). Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (PubMed:27626371). 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 (PubMed:15753091).</p> <p>Gene: NDUFA13</p>
Molecular Weight:	17kDa
Gene ID:	51079
UniProt:	Q9P0J0
Pathways:	Protein targeting to Nucleus , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

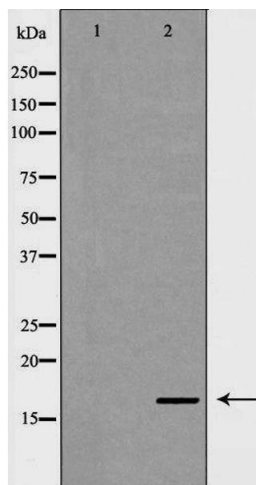
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



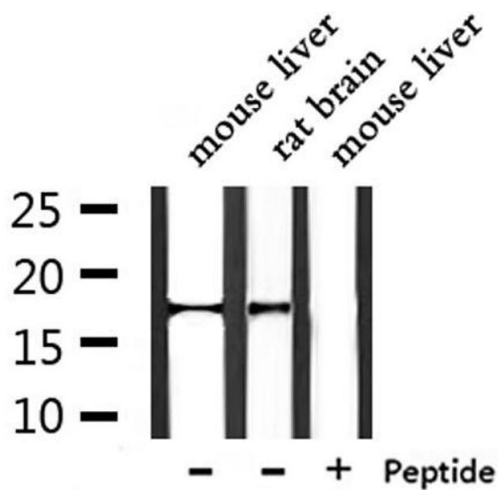
Immunohistochemistry

Image 1. ABIN6277573 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of Mouse heart lysate, using NDUFA13 Antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of extracts from mouse liver ,rat brain, using NDUFA13 Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6263558.