

Rabbit anti-Human NDUF8 Monoclonal Antibody | anti-NDUF8 antibody

NDUF8 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28529	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

NDUF8; Monoclonal Antibody; NDUF8 Rabbit mAb; ASH1; CI-ASH1; MC1DN32; anti-NDUF8 antibody

PRODUCT SPECIFICATIONS

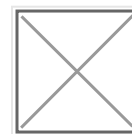
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAVARAGVLG VQWLQRASRN VMPLGARTAS HMTKDMFPGP YPRTPEERAA AAKKYNMRVE DYEPYPDDGM GYGDYPKLPD RSQHERDPWY SWDQPGLRLN WGEPMHWHLD MYNNRNRVDT SPTVSWHVMC MQLFGFLAFM IFMCWVG DVY
Applicable Applications for anti-NDUF8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:200-1:2000 IF/ICC: 1:200-1:2000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human NDUF8 (O95169).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse brain using NDUF8 Rabbit mAb (AAA28529, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



IHC (Immunohistochemistry)

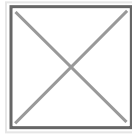
Immunohistochemistry analysis of paraffin-embedded Rat liver using NDUF8 Rabbit mAb (AAA28529) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

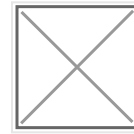
Immunohistochemistry analysis of paraffin-embedded Rat kidney using NDUF8 Rabbit mAb (AAA28529) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human tonsil using NDUF8 Rabbit mAb (AAA28529) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human liver cancer using NDUF8 Rabbit mAb (AAA28529) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human kidney using NDUF8 Rabbit mAb (AAA28529) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF8 antibody	Involved in mitochondrial respiratory chain complex I assembly. Located in endoplasmic reticulum and mitochondrion. Part of mitochondrial respiratory chain complex I. Implicated in nuclear type mitochondrial complex I deficiency 32. Biomarker of Alzheimer's disease and Parkinson's disease.
Product Categories/Family for anti-NDUF8 antibody	Signal Transduction ; Endocrine Metabolism ; Mitochondrial metabolism ; Mitochondrial markers ; Oxidative phosphorylation ; Neuroscience ; Neurodegenerative Diseases ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6093490
NCBI GeneID	4714
UniProt Accession #	O95169 ; Q5W143 ; Q5W144 ; Q5W145 ; Q9UG53 ; Q9UJR4 ; Q9UQF3 ; A8K0L4
Molecular Weight	Calculated MW: 22kDa Observed MW: 22kDa
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial
UniProt Gene Name	NDUF8
UniProt Synonym Gene Names	CI-ASHI
UniProt Entry Name	NDUB8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ndufb8-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28529>