

Goat NDUFA7 Polyclonal Antibody | anti-NDUFA7 antibody

Goat anti-NDUFA7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61655	Goat	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NDUFA7; Polyclonal Antibody; Goat anti-NDUFA7 Antibody; Goat Anti-NDUFA7 (aa27-38) Antibody; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex; 7; 14.5kDa; B14.5a; CI-B14.5a; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7; NADH-ubiquinone oxidoreductase subunit B14.5a; complex I B14.5a subunit; B14.5a antibody; CI-B14.5a antibody; complex I B14.5a subunit antibody; 14.5kDa antibody; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 antibody; NADH-ubiquinone oxidoreductase subunit B14.5a antibody; NDUFA7 antibody; anti-NDUFA7 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	PKLPVGPSHK LSNN
Sequence Length	113
Applicable Applications for anti-NDUFA7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-PKLPVGPSHKLSNN, from the internal region of the protein sequence according to NP_004992.2.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

5ug/ml staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

0.1ug/ml staining of Pig Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)

0.1ug/ml) staining of Human (A), Mouse (B) and Rat (C) Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	103472001
NCBI GeneID	4701
NCBI Accession #	NP_004992.2
NCBI GenBank Nucleotide #	NM_005001.4
Molecular Weight	12,551 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit A7
NCBI Official Symbol	NDUFA7
NCBI Official Synonym Symbols	B14.5a; CI-B14.5a
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7
UniProt Gene Name	NDUFA7
UniProt Synonym Gene Names	CI-B14.5a
UniProt Entry Name	NDUA7_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/polyclonal/ndufa7-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61655>