

Product datasheet for **TA348994**

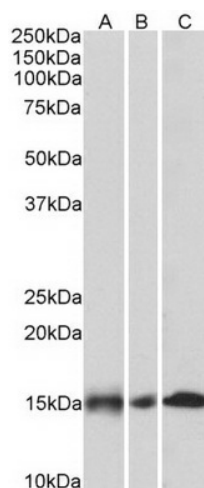
NDUFA7 Goat Polyclonal Antibody

Product data:

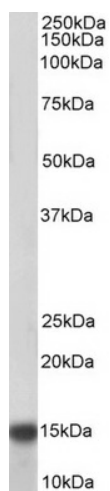
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.03-0.1 ug/ml IHC: 4-8 ug/ml
Reactivity:	Human, Mouse, Rat, Pig (Expected from sequence similarity: Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-NDUFA7 Antibody: Peptide with sequence C-PKLPVGPSHKLSNN, from the internal region of the protein sequence according to NP_004992.2.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NADH:ubiquinone oxidoreductase subunit A7
Database Link:	NP_004992 Entrez Gene 66416 Mouse Entrez Gene 299643 Rat Entrez Gene 4701 Human O95182
Background:	This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain. [provided by RefSeq, Mar 2011]
Synonyms:	B14.5a; CI-B14.5a
Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease



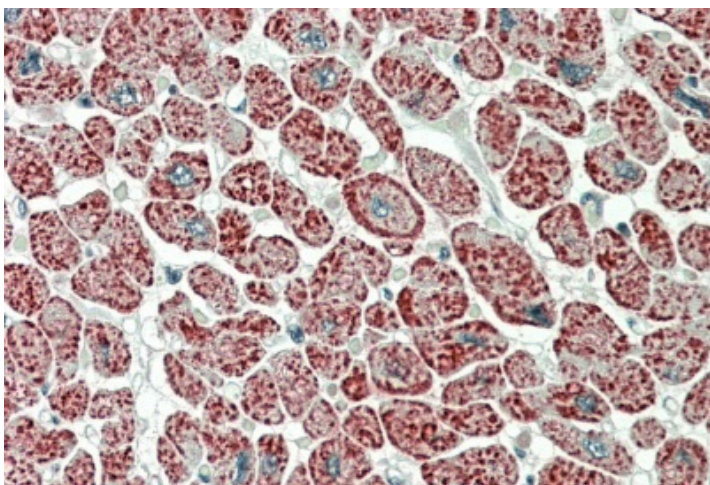
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Product images:

TA348994 (0.1 ug/ml) staining of Human (A), Mouse (B) and Rat (C) Heart lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA348994 (0.1 ug/ml) staining of Pig Heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA348994 (5 ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.