



NU4M rabbit pAb

Catalog No	YP-Ab-08754
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	MT-ND4 MTND4 NADH4 ND4
Immunogen	Synthesized peptide derived from human NU4M AA range: 281-331
Specificity	This antibody detects endogenous levels of NU4M at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NU4M;MT-ND4 MTND4 NADH4 ND4
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	
Function	catalytic activity:NADH + ubiquinone = NAD(+) + ubiquinol.,disease:Defects in MT-ND4 are a cause of Leber hereditary optic neuropathy (LHON) [MIM:535000] . LHON is a maternally inherited disease resulting in acute or subacute loss of central vision, due to optic nerve dysfunction. Cardiac conduction defects and neurological defects have also been described in some patients. LHON results from primary mitochondrial DNA mutations affecting the respiratory chain complexes.,disease:Defects in MT-ND4 are a cause of Leber hereditary optic neuropathy with dystonia (LDYT) [MIM:500001]; also called familial dystonia with visual failure and striatal lucencies. LDYT is part of a spectrum of Leber hereditary optic neuropathy. It is characterized by the association of optic atrophy and central vision loss with dystonia.,disease:Defects in MT-ND4 are a cause of mitochondrial encephalomyopathy with lacti

Background

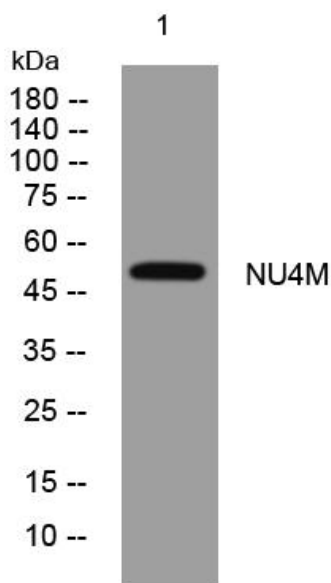
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from AD293 cells, primary antibody was diluted at 1:1000, 4° over night