

Product datasheet

Anti-C20orf7 antibody ab106984

1 Image

Overview

Product name	Anti-C20orf7 antibody
Description	Rabbit polyclonal to C20orf7
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide conjugated to KLH, corresponding to C terminal amino acids 295-323 of Human C20orf7 (NP_077025.2 , NP_001034464.1).
Positive control	Mouse heart tissue lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	ab106984 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106984** in the following tested applications.

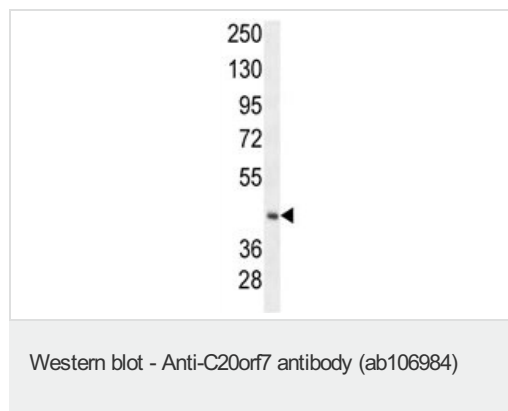
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 39 kDa.

Target

Function	Putative methyltransferase involved in mitochondrial complex I assembly at early stages.
Involvement in disease	Defects in C20orf7 are a cause of mitochondrial complex I deficiency (MT-C1D) [MIM:252010]. A disorder of the mitochondrial respiratory chain that causes a wide range of clinical disorders, from lethal neonatal disease to adult-onset neurodegenerative disorders. Phenotypes include macrocephaly with progressive leukodystrophy, non-specific encephalopathy, cardiomyopathy, myopathy, liver disease, Leigh syndrome, Leber hereditary optic neuropathy, and some forms of Parkinson disease.
Sequence similarities	Belongs to the methyltransferase superfamily.
Cellular localization	Mitochondrion inner membrane. Peripherally localized on the matrix face of the mitochondrial inner membrane.

Images



Anti-C20orf7 antibody (ab106984) at 1/100 dilution + Mouse heart tissue lysate at 35 µg

Predicted band size: 39 kDa

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