

Product datasheet

# Anti-C20orf7 antibody ab106984

1 Image

Overview

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

Properties

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

<b>Function</b>	Putative methyltransferase involved in mitochondrial complex I assembly at early stages.
<b>Involvement in disease</b>	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.

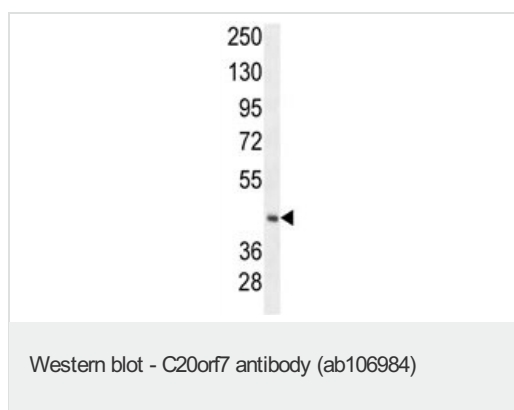
#### Sequence similarities

Belongs to the methyltransferase superfamily.

#### Cellular localization

Mitochondrion inner membrane. Peripherally localized on the matrix face of the mitochondrial inner membrane.

#### Anti-C20orf7 antibody images



Anti-C20orf7 antibody (ab106984) at 1/100 dilution + Mouse heart tissue lysate at 35  $\mu$ g

**Predicted band size : 39 kDa**

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