

Datasheet for ABIN635599 **anti-COX3 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	COX3 (COX-3)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	COX3 antibody was raised using the C terminal of COX3 corresponding to a region with amino acids FESPFTISDGIYGSTFFVATGFHGLHVIIGSTFLTICFIRQLMFHFTSKH
Specificity:	COX3 antibody was raised against the C terminal of COX3
Purification:	Affinity purified

Target Details

Target:	COX3 (COX-3)
Alternative Name:	COX3 (COX-3 Products)
Background:	COX3 is a multi-pass membrane protein. It belongs to the cytochrome c oxidase subunit 3 family. Defects in COX3 are a cause of Leber hereditary optic neuropathy (LHON) and cytochrome c oxidase deficiency (COX deficiency). Defects in MT-CO3 are also found in

Target Details

mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes (MELAS) syndrome and recurrent myoglobinuria.

Molecular Weight: 29 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: COX3 Blocking Peptide, catalog no. 33R-2880, is also available for use as a blocking control in assays to test for specificity of this COX3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of COX3 antibody in PBS

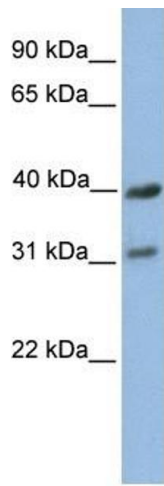
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. COX3 antibody used at 1 ug/ml to detect target protein.