

Datasheet for ABIN2789469
anti-COQ9 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	COQ9
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COQ9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of COQ9
Sequence:	AFHASAVGLR SSDEKQKQPP NSFSQQHSET QGAEKPDPE SHSPPRYTDQ
Predicted Reactivity:	Guinea Pig: 90%, Human: 100%, Rabbit: 86%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against COQ9. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	COQ9
Alternative Name:	COQ9 (COQ9 Products)
Background:	This locus represents a mitochondrial ubiquinone biosynthesis gene. The encoded protein is

Target Details

likely necessary for biosynthesis of coenzyme Q10, as mutations at this locus have been associated with autosomal-recessive neonatal-onset primary coenzyme Q10 deficiency.

Alias Symbols: C16orf49, DKFZp434K046

Protein Interaction Partner: UBC, ANO8, ACTL6B,

Protein Size: 318

Molecular Weight: 35 kDa

Gene ID: 57017

NCBI Accession: [NM_020312](#), [NP_064708](#)

UniProt: [O75208](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 318 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

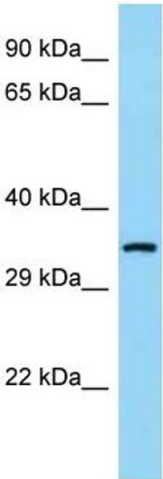
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-COQ9 Antibody Titration: 1.0 ug/ml Positive Control: Hela Whole Cell COQ9 is supported by BioGPS gene expression data to be expressed in HeLa