

Datasheet for ABIN630413

anti-MTUS1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	MTUS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTUS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MTUS1 antibody was raised using the N terminal of MTUS1 corresponding to a region with amino acids QLLACGNTKFEALTWVIQHLLSEREEALKQHKTLSQELVNLRGELVTAST
Specificity:	MTUS1 antibody was raised against the N terminal of MTUS1
Purification:	Purified

Target Details

Target:	MTUS1
Alternative Name:	MTUS1 (MTUS1 Products)
Background:	MTUS1 contains a C-terminal domain and is able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. One of the isoforms has been shown to be a mitochondrial protein that acts as a tumor suppressor and participates in AT2

Target Details

	signaling pathways. Other isoforms may be nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways.
Molecular Weight:	48 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	MTUS1 Blocking Peptide, catalog no. 33R-7629, is also available for use as a blocking control in assays to test for specificity of this MTUS1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of MTUS1 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. MTUS1 antibody used at 1.25 ug/ml to detect target protein.