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Datasheet for ABIN5516648 anti-BOLA3 antibody (N-Term)

Overview

Quantity:	100 µL
Target:	BOLA3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BOLA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human BOLA3
Sequence:	ATQTEGELRV TQILKEKFPR ATAIVTDIS GGCGAMYIEK IESEEFKEKR
Characteristics:	This is a rabbit polyclonal antibody against BOLA3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BOLA3
Alternative Name:	BOLA3 (BOLA3 Products)
Background:	This gene encodes a protein that plays an essential role in the production of iron-sulfur (Fe-S) clusters for the normal maturation of lipoate-containing 2-oxoacid dehydrogenases, and for the

Target Details

assembly of the mitochondrial respiratory chain complexes. Mutation in this gene has been associated with multiple mitochondrial dysfunctions syndrome-2. Two alternatively spliced transcript variants encoding different isoforms with distinct subcellular localization have been reported for this gene.

Alias Symbols: BOLA3,

Protein Interaction Partner: UBC,

Protein Size: 107

Gene ID: 388962

NCBI Accession: [NP_997717](#)

UniProt: [Q53S33](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.