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Datasheet for ABIN2774009 anti-TOMM34 antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	TOMM34
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Dog, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOMM34 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 TOMM34
Sequence:	ALRVLQAQGS SDPEEESVLY SNRAACHLKD GNCRDCIKDC TSALALVPFS
Predicted Reactivity:	Cow: 93%, Dog: 79%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TOMM34. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	TOMM34

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Target Details	
Alternative Name:	TOMM34 (TOMM34 Products)
Background:	 The protein encoded by this gene is involved in the import of precursor proteins into mitochondria. The encoded protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats. Alias Symbols: HTOM34P, TOM34, URCC3 Protein Interaction Partner: CDC37L1, CHORDC1, CDC37, AHSA1, HSP90AB1, UBC, MCM7, HSP90AB2P, TRIM16, HECW2, VCAM1, ITGA4, HSP90AA1, FN1, RBM33, WDR12, ZYX, ZFAND5, DMAP1, ATP6V1D, VCP, PRKAA1, ACD, TINF2, POT1, TERF1, RAB11FIP3, Protein Size: 309
Molecular Weight:	34 kDa
Gene ID:	10953
NCBI Accession:	NM_006809, NP_006800
UniProt:	Q15785
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 309 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.

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Handling

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.

Images

