

Datasheet for ABIN652236

anti-TOM70 antibody (N-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	TOM70 (TOMM70A)
Binding Specificity:	AA 177-205, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOM70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TOMM70A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-205 amino acids from the N-terminal region of human TOMM70A.
Clone:	RB20271
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TOM70 (TOMM70A)
Alternative Name:	TOMM70A (TOMM70A Products)

Target Details

Background:	The translocase of outer mitochondrial membrane (TOM) complex is a multisubunit complex involved in the recognition, unfolding, and translocation of preproteins into the mitochondria.
Molecular Weight:	67455
Gene ID:	9868
NCBI Accession:	NP_055635
UniProt:	O94826
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

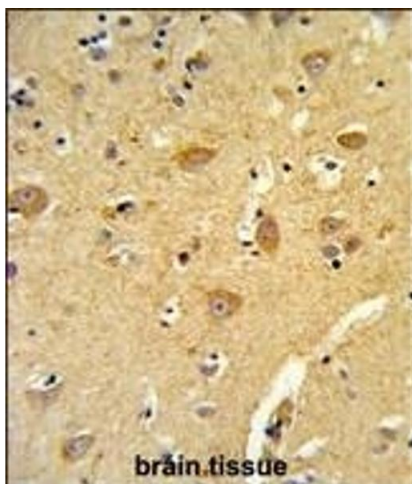
Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

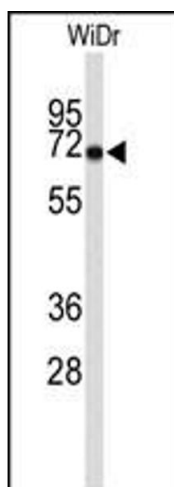
Publications

Product cited in:	Hu, Zhou, Zhao, Wu: "Integrin α 6/Akt/Erk signaling is essential for human breast cancer resistance to radiotherapy." in: Scientific reports , Vol. 6, pp. 33376, (2018) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with TOA Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of TOA Antibody (N-term) (ABIN652236 and ABIN2840990) in WiDr cell line lysates (35 µg/lane). TOA (arrow) was detected using the purified Pab.