

Datasheet for ABIN2775784
anti-TNRC5 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TNRC5 (CNPY3)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Pig, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNRC5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TNRC5
Sequence:	GGKKS KKKSS RAKAAGGRSS SSKQRKELGG LEGDPSPEED EGIQKASPLT
Predicted Reactivity:	Cow: 86%, Dog: 86%, Horse: 93%, Human: 100%, Pig: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TNRC5. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	TNRC5 (CNPY3)
Alternative Name:	TNRC5 (CNPY3 Products)

Target Details

Background:	The function remains unknown. Alias Symbols: CAG4A, ERDA5, TNRC5, PRAT4A Protein Size: 278
Molecular Weight:	31 kDa
Gene ID:	10695
NCBI Accession:	NM_006586 , NP_006577
UniProt:	Q9BT09
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 278 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.

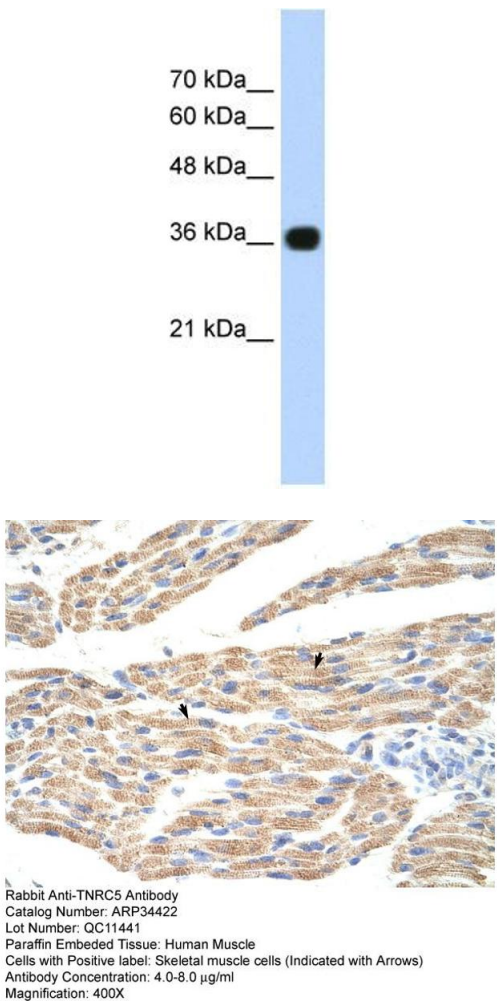
Publications

Product cited in:	Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: Cells , Vol. 4, Issue 3, pp. 331-53, (2015) (PubMed).
-------------------	--

Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: **Cell cycle (Georgetown, Tex.)**, Vol. 12, Issue 5, pp. 849-58, (2013) ([PubMed](#)).

Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: **Cell cycle (Georgetown, Tex.)**, Vol. 11, Issue 19, pp. 3666-78, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TNRC5 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate CNPY3 is supported by BioGPS gene expression data to be expressed in Jurkat

Immunohistochemistry

Image 2. Human Muscle