

Datasheet for ABIN2787471
anti-TNRC5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TNRC5 (CNPY3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNRC5 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 CNPY3
Sequence:	MDSMPEPASR CLLLLPLLLL LLLLLPAPEL GPSQAGAEEN DWVRLPSKCE
Predicted Reactivity:	Dog: 92%, Guinea Pig: 85%, Human: 100%, Mouse: 85%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against CNPY3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

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

Target Details

Background: PRAT4A is associated with the immature form of TLR4 (MIM 603030) and regulates its cell surface expression (Wakabayashi et al., 2006 [PubMed 16849487]).

Alias Symbols: CAG4A, ERDA5, PRAT4A, TNRC5

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.



Western Blotting

Image 1. WB Suggested Anti-CNPY3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:12500

Positive Control: ACHN cell lysate

Western Blotting

Image 2. WB Suggested Anti-CNPY3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: ACHN cell lysate

CNPY3 is supported by BioGPS gene expression data to be expressed in ACHN