

Datasheet for ABIN6244303

**anti-Mare/Nprl3/C16orf35 antibody (AA 86-117)**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	Mare/Nprl3/C16orf35 (C16orf35)
Binding Specificity:	AA 86-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mare/Nprl3/C16orf35 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This NPRL3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 86-117 amino acids from human NPRL3.
Clone:	RB54296
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Mare/Nprl3/C16orf35 (C16orf35)
Alternative Name:	NPRL3 ( <a href="#">C16orf35 Products</a> )
Background:	As a component of the GATOR1 complex, inhibitor of the amino acid-sensing branch of the

## Target Details

TORC1 pathway. The GATOR1 complex strongly increases GTP hydrolysis by RRAGA and RRAGB within RRAGC- containing heterodimers, thereby deactivating RRAGs, releasing mTORC1 from lysosomal surface and inhibiting mTORC1 signaling.

Molecular Weight: 63605

UniProt: [Q12980](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

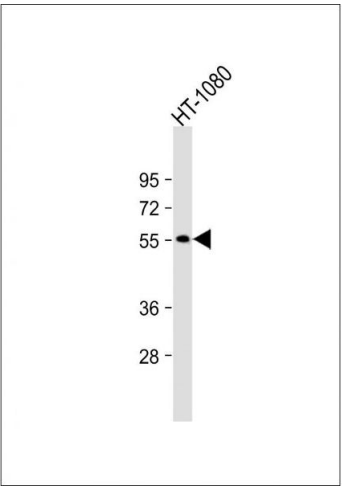
Preservative: Sodium azide

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

Expiry Date: 6 months

## Images



### Western Blotting

**Image 1.** Anti-NPRL3 Antibody (N-Term) at 1:2000 dilution + HT-1080 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa  
Blocking/Dilution buffer: 5 % NFDM/TBST.