

[Go to Product page](#)

Datasheet for ABIN7153702

anti-Mare/Nprl3/C16orf35 antibody (AA 349-482) (Biotin)

Overview

Quantity:	100 µg
Target:	Mare/Nprl3/C16orf35 (C16orf35)
Binding Specificity:	AA 349-482
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mare/Nprl3/C16orf35 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human GATOR complex protein NPRL3 protein (349-482AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Mare/Nprl3/C16orf35 (C16orf35)
Alternative Name:	NPRL3 (C16orf35 Products)
Background:	Background: As a component of the GATOR1 complex functions as an inhibitor of the amino acid-sensing branch of the TORC1 pathway. The GATOR1 complex strongly increases GTP

Target Details

hydrolysis by RRAGA and RRAGB within RRAGC-containing heterodimers, thereby deactivating RRAGs, releasing mTORC1 from lysosomal surface and inhibiting mTORC1 signaling. The GATOR1 complex is negatively regulated by GATOR2 the other GATOR subcomplex in this amino acid-sensing branch of the TORC1 pathway.

Aliases: otein antibody, Alpha-globin regulatory element-containing gene protein antibody, C16ORF35 antibody, CGTHBA antibody, Conserved gene telomeric to alpha globin cluster antibody, HS 40 antibody, MARE antibody, Nitrogen permease regulator 3-like protein antibody, Nitrogen permease regulator-like 3 (S. cerevisiae) antibody, NPR3 antibody, NPRL3 antibody, NPRL3_HUMAN antibody, Protein CGTHBA antibody, RMD11 antibody

UniProt: [Q12980](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.