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## Datasheet for ABIN7153704 anti-Mare/Nprl3/C16orf35 antibody (AA 349-482) (HRP)



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 HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human GATOR complex protein NPRL3 protein (349-482AA)
lsotype:	lgG
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

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	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,
	C160RF35 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.