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Datasheet for ABIN7153701 anti-Mare/Nprl3/C16orf35 antibody (AA 349-482)



2 Images

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 un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

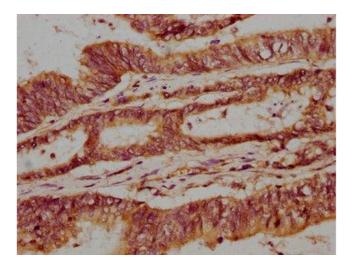
Immunogen:	Recombinant Human GATOR complex protein NPRL3 protein (349-482AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

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:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,
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.



$120KD \rightarrow \\90KD \rightarrow \\50KD \rightarrow \\35KD \rightarrow \\25KD \rightarrow \\20KD \rightarrow$

Immunohistochemistry

Image 1. IHC image of ABIN7153701 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: U87 whole cell lysate All lanes: NPRL3 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 64 kDa Observed band size: 64 kDa

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