

Datasheet for ABIN2784349
anti-LIN9 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LIN9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN9 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 LIN9
Sequence:	TRKLTRVEWG KIRRLMGKPR RCSSAFFEEE RSALKQKRQK IRLQQRKVA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against LIN9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LIN9
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Target Details

Alternative Name:	LIN9 (LIN9 Products)
Background:	LIN9 belongs to the lin-9 family and acts as a tumor suppressor. It inhibits DNA synthesis. Its ability to inhibit oncogenic transformation is mediated through its association with RB1. LIN9 plays a role in the expression of genes required for the G1/S transition. Alias Symbols: TGS, BARA, TGS1, Lin-9, BARPsv Protein Interaction Partner: MYBL2, E2F4, RBL2, LIN54, LIN52, LIN37, RBL1, RBBP4, UBC, LIN9, TFDP2, TFDP1, MYBL1, RB1, Protein Size: 490
Molecular Weight:	53 kDa
Gene ID:	286826
NCBI Accession:	NM_001270409
UniProt:	B1B046
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 490 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-LIN9 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain