

Datasheet for ABIN2786974
anti-VTA1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	VTA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTA1 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 VTA1
Sequence:	KKQLGDNEAI TQEIVGCAHL ENYALKMFLY ADNEDRAGR F HKNMIKSFYT
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 VTA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	VTA1
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Target Details

Alternative Name:	VTA1 (VTA1 Products)
Background:	<p>C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes (Ward et al., 2005 [PubMed 15644320]).</p> <p>Alias Symbols: C6orf55, DRG-1, DRG1, FLJ27228, HSPC228, LIP5, My012, SBP1</p> <p>Protein Interaction Partner: UBC, ATP6V1C1, ME1, CTTN, NGFRAP1, VCAM1, GSK3B, GSK3A, UBXN1, XPNPEP1, APP, CHMP5, ELAVL1, VPS4A, CHMP3, CHMP2A, MBIP, KLHL12, NECAB2, DPPA2, KCTD13, ZBTB16, SSSCA1, RABAC1, MAGEA11, CBS, RPIA, NBR1, CDK4, LYST,</p> <p>Protein Size: 307</p>
Molecular Weight:	34 kDa
Gene ID:	51534
NCBI Accession:	NM_016485 , NP_057569
UniProt:	Q9NP79

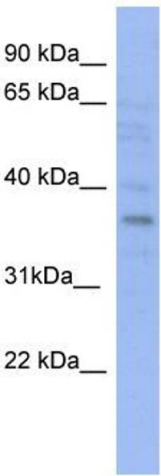
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 307 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-VTA1 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate