

Datasheet for ABIN2786942  
**anti-VPS29 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	VPS29
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS29 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 VPS29
Sequence:	LCTGNLCTKE SYDYLKTLAG DVHIVRGDFD ENLNYPEQKV VTVGQFKIGL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against VPS29. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	VPS29
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## Target Details

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Alternative Name:	VPS29 ( <a href="#">VPS29 Products</a> )
Background:	<p>This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer</p> <p>Alias Symbols: DC15, DC7, DKFZp564F0223, FLJ20492, PEP11</p> <p>Protein Interaction Partner: VPS35, TBC1D5, TBCD, STAT1, SNX2, SHMT1, PSAP, PPM1G, PAWR, H3F3A, GTF2F1, ATP6V1C1, PUS1, FAM129B, SNX6, WDR12, TOLLIP, JMJD6, PUF60, NUDC, SEC24D, NAA10, USP7, ZFR, VPS36, VPS33B, UBE4B, VPS26A, SEC22B, TTC4, TSN, NDUFV1, HDLBP, ZNHIT2, APP, TMEM9, NADK</p> <p>Protein Size: 182</p>
Molecular Weight:	21 kDa
Gene ID:	51699
NCBI Accession:	<a href="#">NM_016226</a> , <a href="#">NP_057310</a>
UniProt:	<a href="#">Q9UBQ0</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 182 AA
Restrictions:	For Research Use only

## Handling

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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

## Handling

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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.

## Images

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### Western Blotting

#### Image 1. WB Suggested Anti-VPS29 Antibody Titration:

0.2-1 ug/ml

**Positive Control:** ACHN cell lysate