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Datasheet for ABIN2786923

## anti-VPS36 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	VPS36
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS36 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Sequence:	SNKEPGPFQS SKNSYIRLSF KEHGQIEFYR RLSEEMTQRR WETVPVSQSL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Vps36. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	VPS36
Alternative Name:	Vps36 ( <a href="#">VPS36 Products</a> )
Background:	Vps36 is a component of the ESCRT-II complex (endosomal sorting complex required for

## Target Details

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transport II), which is required for multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. Its ability to bind ubiquitin probably plays a role in endosomal sorting of ubiquitinated cargo proteins by ESCRT complexes. The ESCRT-II complex may also play a role in transcription regulation, possibly via its interaction with ELL.

Binds phosphoinositides such as PtdIns(3,4,5)P3.

Alias Symbols: 1700010A24Rik, 2210415M20Rik, 2810408E15Rik, Eap45

Protein Interaction Partner: Ubc,

Protein Size: 386

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Molecular Weight: 42 kDa

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Gene ID: 70160

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NCBI Accession: [NM\\_027338](#), [NP\\_081614](#)

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UniProt: [Q91XD6](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 386 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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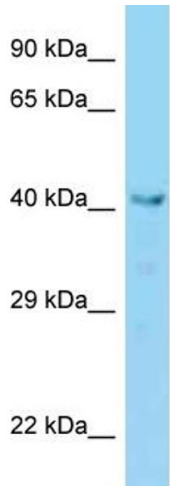
## Handling

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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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Rabbit Anti-Vps36 Antibody  
Catalog Number: ARP56827  
Lot Number: QC27860  
Lane: Mouse Liver Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

### Western Blotting

Image 1.