

Datasheet for ABIN2774714  
**anti-VPS41 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	VPS41
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS41 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 VPS41
Sequence:	DAASCMTVHD KFLALGTHYG KVYLLDVQGN ITQKFDVSPV KINQISLDES
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against VPS41. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	VPS41
Alternative Name:	VPS41 ( <a href="#">VPS41 Products</a> )

## Target Details

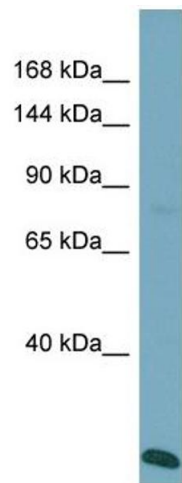
Background:	<p>Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human ortholog of yeast Vps41 protein which is also conserved in Drosophila, tomato, and Arabidopsis. Expression studies in yeast and human indicate that this protein may be involved in the formation and fusion of transport vesicles from the Golgi. Several transcript variants encoding different isoforms have been described for this gene, however, the full-length nature of not all is known.</p> <p>Alias Symbols: HVPS41, HVSP41, hVps41p</p> <p>Protein Size: 209</p>
Molecular Weight:	22 kDa
Gene ID:	27072
NCBI Accession:	<a href="#">NM_014396</a> , <a href="#">NP_055211</a>
UniProt:	<a href="#">P49754</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.** Host: Rabbit Target Name: VPS41 Sample Type: ACHN Whole Cell lysates Antibody Dilution: 1.0ug/ml