

Datasheet for ABIN2774715
anti-VPS41 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	VPS41
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Rat, Cow, Rabbit, Guinea Pig, Horse
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 middle region of human VPS41
Sequence:	VIVQAVRDHL KKDSQNKTL KTLAELYTYD KNYGNALEIY LTLRHKDVFQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
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 (VPS41 Products)

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 Interaction Partner: ZNF512B, MON1B, HSP90AA1, VPS33A, VPS16, VPS18, XRCC4, UTP20, APP, HOOK3, AKTIP, VIPAS39, HOOK1, HOOK2, VPS33B, UBC, UBE2U, AP3D1,</p> <p>Protein Size: 829</p>
Molecular Weight:	96 kDa
Gene ID:	27072
NCBI Accession:	NM_080631 , NP_542198
UniProt:	P49754

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 829 AA
Restrictions:	For Research Use only

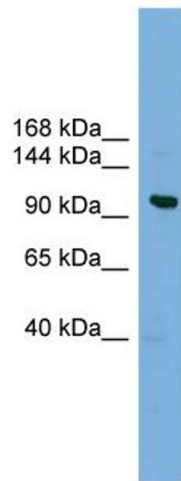
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-VPS41 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate