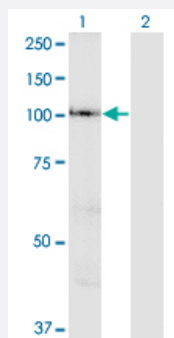


# VPS41 polyclonal antibody (A01)

Catalog # H00027072-A01

Size 50 uL

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of VPS41 expression in transfected 293T cell line by VPS41 polyclonal antibody (A01).

Lane1:VPS41 transfected lysate (Predicted MW: 98.5 KDa).

Lane2:Non-transfected lysate.



Western Blot detection against Immunogen (37 KDa) .

## Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant VPS41.
Immunogen	VPS41 (NP_055211, 755 a.a. ~ 853 a.a) partial recombinant protein with GST tag.
Sequence	LLREGCKKILVADSLSLKKMHRTQMKGVLVDEENICESCLSPILPSDAAKPFSVVVFHCRHMFH KECLPMPMSMNSAAQFCNICSAKNRGP GSAILEMK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .

<b>Storage Buffer</b>	50 % glycerol
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<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of VPS41 expression in transfected 293T cell line by VPS41 polyclonal antibody (A01).

Lane1:VPS41 transfected lysate (Predicted MW: 98.5 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — VPS41

<b>Entrez GeneID</b>	<a href="#">27072</a>
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<b>GeneBank Accession#</b>	<a href="#">NM_014396</a>
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<b>Protein Accession#</b>	<a href="#">NP_055211</a>
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<b>Gene Name</b>	VPS41
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<b>Gene Alias</b>	HVPS41, HVSP41, hVps41p
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<b>Gene Description</b>	vacuolar protein sorting 41 homolog (S. cerevisiae)
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<b>Omim ID</b>	<a href="#">605485</a>
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<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
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**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000025247|vacuolar assembly protein 41|vacuolar protein sorting 41

**Disease**

- [Tobacco Use Disorder](#)