

## VPS45 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05472
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from human VPS45
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	VPS45
<b>Synonyms</b>	VPS45; Vacuolar protein sorting-associated protein 45; h-VPS45; hVps45

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

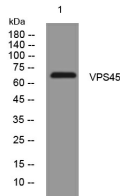
Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec1 domain family| and shows a high degree of sequence similarity to mouse| rat and yeast Vps45. The exact function of this gene is not known| but its high expression in peripheral blood mononuclear cells suggests a role in trafficking proteins| including inflammatory mediators. Multiple alternatively spliced transcript variants have been found for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year