

# VPS45 rabbit pAb

Cat No.:ES12347

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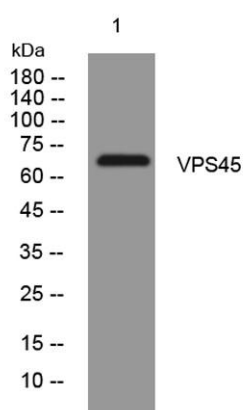
## Overview

Product Name	VPS45 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human VPS45 AA range: 470-520
Specificity	This antibody detects endogenous levels of VPS45 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	VPS45
Gene Name	VPS45 VPS45A VPS45B
Cellular localization	Golgi apparatus membrane ; Peripheral membrane protein . Endosome membrane ; Peripheral membrane protein . Associated with Golgi/endosomal vesicles and the trans-Golgi network. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	65kD
Human Gene ID	11311
Human Swiss-Prot Number	Q9NRW7
Alternative Names	Vacuolar protein sorting-associated protein 45 (h-VPS45) (hVps45)
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. [provided by RefSeq, Jul 2013],



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

