

## ARG64017 anti-VPS45 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes VPS45
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	VPS45
Species	Human
Immunogen	C-ESSQVTSRSASRR
Conjugation	Un-conjugated
Alternate Names	VSP45A; VPS45A; VSP45; VPS45B; VPS54A; H1; hVps45; H1VPS45; SCN5; h-VPS45; Vacuolar protein sorting-associated protein 45

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 11311 Human](#)

[Swiss-port # Q9NRW7 Human](#)

#### 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. [provided by RefSeq, Jul 2008]

#### Research Area

Signaling Transduction antibody

#### Calculated Mw

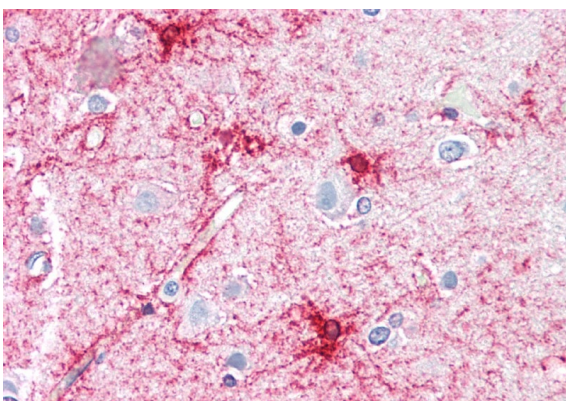
65 kDa

## Images



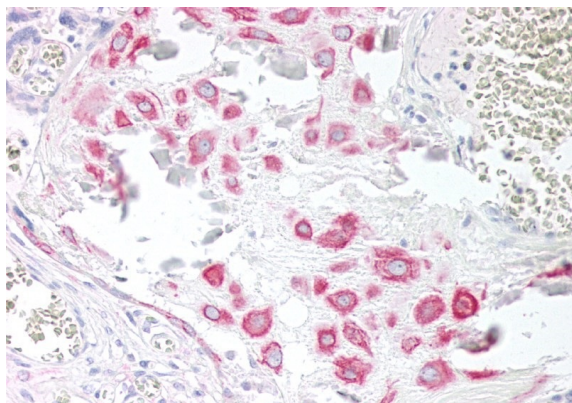
ARG64017 anti-VPS45 antibody WB image

Western Blot: Human Peripheral Blood Mononucleocyte lysate (35 µg protein in RIPA buffer) stained with ARG64017 anti-VPS45 antibody at 0.3 µg/ml dilution.



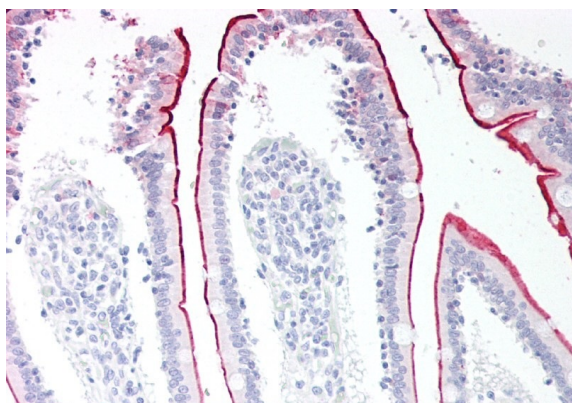
ARG64017 anti-VPS45 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64017 anti-VPS45 antibody at 5 µg/ml dilution followed by AP-staining.



ARG64017 anti-VPS45 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64017 anti-VPS45 antibody at 5  $\mu$ g/ml dilution followed by AP-staining.



ARG64017 anti-VPS45 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64017 anti-VPS45 antibody at 5  $\mu$ g/ml dilution followed by AP-staining.