

## ARG63418 anti-VPS35 / MEM3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes VPS35 / MEM3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	Note there is a hypothetical protein called similar to vacuolar protein sorting 35 (XP_040192.1), which is virtually identical.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	VPS35 / MEM3
Species	Human
Immunogen	C-SPESEGPIYEGLLI
Conjugation	Un-conjugated
Alternate Names	Maternal-embryonic 3; Vacuolar protein sorting-associated protein 35; Vesicle protein sorting 35; PARK17; MEM3; hVPS35

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	IHC-P	5 - 8 µg/ml
	WB	1.0 - 3.0 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Heat mediation was performed 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

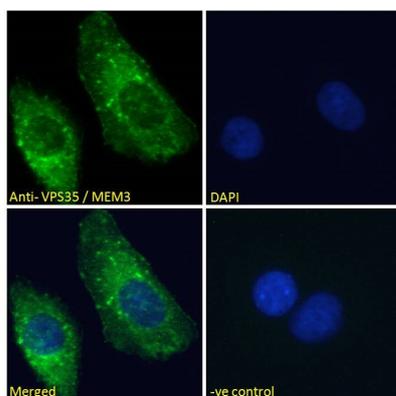
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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

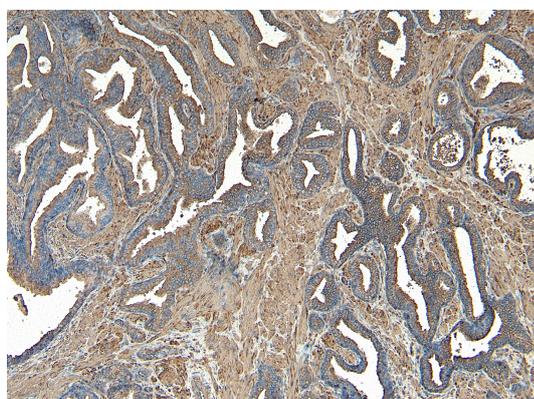
Database links	<a href="#">GeneID: 55737 Human</a> <a href="#">GeneID: 65114 Mouse</a> <a href="#">Swiss-port # Q96QK1 Human</a> <a href="#">Swiss-port # Q9EQH3 Mouse</a>
Background	<p>This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. [provided by RefSeq, Jul 2008]</p>
Research Area	Signaling Transduction antibody
Calculated Mw	92 kDa

## Images



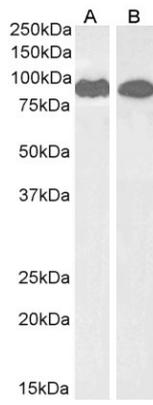
ARG63418 anti-VPS35 / MEM3 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG63418 anti-VPS35 / MEM3 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG63418 anti-VPS35 / MEM3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG63418 anti-VPS35 / MEM3 antibody at 8 µg/ml dilution followed by HRP-staining.



#### ARG63418 anti-VPS35 / MEM3 antibody WB image

Western blot: 35 µg of Human cerebellum (A) and Mouse brain (B) lysates (in RIPA buffer) stained with ARG63418 anti-VPS35 / MEM3 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.