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-SPESEGPIYEGLIL
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

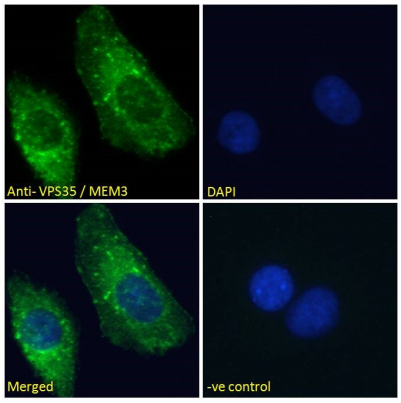
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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

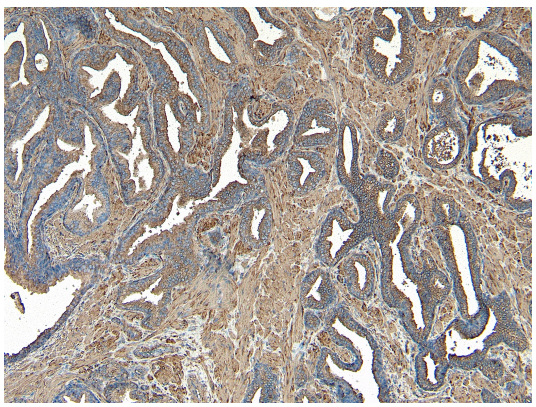
Database links	GeneID: 55737 Human GeneID: 65114 Mouse Swiss-port # Q96QK1 Human Swiss-port # Q9EQH3 Mouse
Background	This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde 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]
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.