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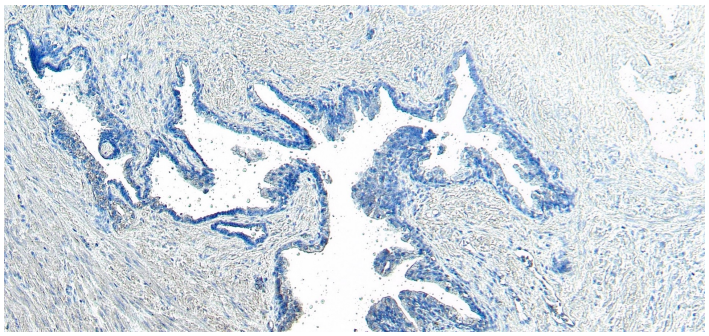
GOAT ANTI-VPS35 / MEM3 ANTIBODY

SKU: EB06268



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	vacuolar protein sorting 35|vacuolar protein sorting 35 homolog (S. cerevisiae)|maternal-embryonic 3|vacuolar protein sorting 35 (yeast)|DKFZp434P1672|DKFZp434E1211|FLJ20388|FLJ13588|FLJ10752|MEM3|VPS35
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm/vesicles of HEK293 and U2OS cells. Recommended concentration: 10µg/ml.
Accession ID	NP_060676.2
Blocking Peptide	EBP06268
Immunogen	Peptide with sequence C-SPESEGPIYEGLIL, from the C Terminus of the protein sequence according to NP_060676.2.
Product Comments	Note there is a hypothetical protein called similar to vacuolar protein sorting 35 (XP_040192.1), which is virtually identical.
Peptide Sequence	C-SPESEGPIYEGLIL
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Cow
Reactive Species	Human, Mouse, Rat

Human Gene ID	55737
Mouse Gene ID	65114
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Prostate. Recommended concentration: 8µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 90kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates and in lysates of cell line HepG2, and approx. 85kDa observed in lysates of cell line HEK293 (calculated MW of 91.7kDa according to Human NP_060676.2, Mouse NP_075373.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF

SELECTED REFERENCES

[{"pmid": 22747682, "intro": "**This antibody (previous batch) has been successfully used in IF on CHO cells:**", "title": "Impaired retrograde membrane traffic through endosomes in a mutant CHO cell defective in phosphatidylserine synthesis.", "author": "Lee S, Uchida Y, Emoto K, Umeda M, Kuge O, Taguchi T, Arai H.", "journal": "Genes Cells. 2012 Aug;17(8):728-36. doi: 10.1111/j.1365-2443.2012.01622.x."}, {"pmid": 30377371, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}, {"pmid": 36652482, "intro": "**This antibody has been successfully used in ICC and In situ PLA on Human:**", "title": "Dimerization of the Alzheimer's disease pathogenic receptor SORLA regulates its association with retromer", "author": "Anne Mette G Jensen, Yu Kitago, Elnaz Fazeli, Christian B Vægter, Scott A Small, Gregory A Petsko, Olav M Andersen", "journal": "Proc Natl Acad Sci U S A. 2023 Jan 24;120(4):e2212180120."}, {"pmid": 26563567, "intro": "**This antibody (previous batch) has been successfully used in IF on Human:**", "title": "Phosphatidylinositol 3,5-Bisphosphate-Rich Membrane Domains in Endosomes and Lysosomes", "author": "Takatori S, Tatematsu T, Cheng J, Matsumoto J, Akano T, Fujimoto T.", "journal": "Traffic. 2016 Feb;17(2):154-67"}, {"pmid": 29851073, "intro": "**This antibody (previous batch) has been successfully used in ICC on Human:**", "title": "Retrograde transport of ?-secretase from endosomes to the trans-Golgi network regulates A?42 production.", "author": "Kanatsu K, Hori Y, Ebinuma I, Chiu YW, Tomita T.", "journal": "J Neurochem. 2018 May 31."}]

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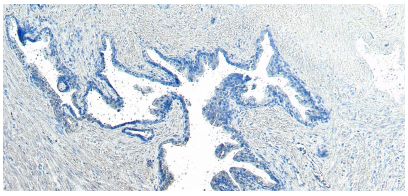
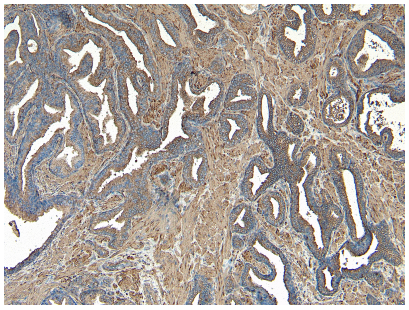
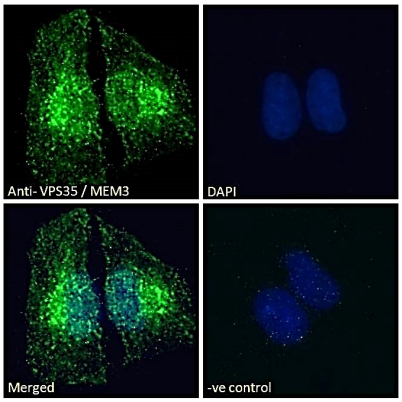
DOCUMENTS

- Data Sheet

GALLERY IMAGES







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