

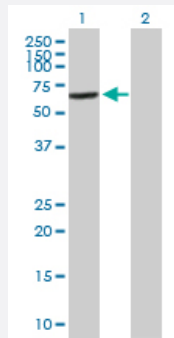
MaxPab®

VPS45 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00011311-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of VPS45 expression in transfected 293T cell line ([H00011311-T01](#)) by VPS45 MaxPab polyclonal antibody.

Lane 1: VPS45A transfected lysate(62.7 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human VPS45 protein.
Immunogen	VPS45 (NP_009190.2, 1 a.a. ~ 570 a.a) full-length human protein.
Sequence	MNVVFAVKQYISKMIEDSGPGMKVLLMDKETTGIVSMVYTQSEILQKEVYLFERIDSQNRIMKHLK AICFLRPTKENVDYIIQELRRPKYTIYFYFSNVISKSDVKSLAEADEQEVVAEVQEFYGDYIAVNPHL FSLNILGCCQGRNWDPAQLSRTTQGLTALLSLKKCPMIRYQLSSEAAKRLAECVKQVITKEYELF EFRRTVPPLLLILDRCDDAITPLLNQWTYQAMVHELLGINNNRIDLSRVPGISKDLREVVLSAEND EFYANNMYLNFAEIGSNIKNLMEDFQKKKPKKEQQKLESIA DMKAFVENYPQFKKMSGTVSKHVTV VGELSRLVSEARNLLEVSEVEQELACQNDHSSALQNIKRLQNPKVTEFDAARLVMLYALHYERHS SNSLPGLMMDLRNKGVSEKYRKLVS AVVEYGGKRVRGSDLFSPKDAVAITKQFLKGLKGVENVY TQHQPFLHETLDHLIKGRLKENLYPYLGPSTLRDRPQDIIVFVIGGATYEEALTVYNLNRTTPGVRML GGTTVHNTKSFLEEVLASGLHSRSKESQVTSRSASRR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of VPS45 expression in transfected 293T cell line ([H00011311-T01](#)) by VPS45 MaxPab polyclonal antibody.

Lane 1: VPS45A transfected lysate(62.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — VPS45

Entrez GeneID [11311](#)

GeneBank Accession# [NM_007259.3](#)

Protein Accession# [NP_009190.2](#)

Gene Name VPS45

Gene Alias H1, H1VPS45, VPS45A, VPS45B, VPS54A, VSP45, VSP45A

Gene Description vacuolar protein sorting 45 homolog (S. cerevisiae)

Omim ID [610035](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000014482|leucocyte vacuolar protein sorting 45|vacuolar protein sorting 45A

Pathway

- [Endocytosis](#)