

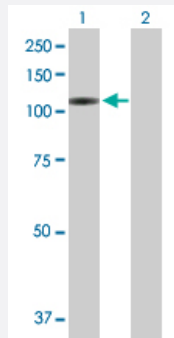
MaxPab®

VPS54 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051542-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of VPS54 expression in transfected 293T cell line ([H00051542-T02](#)) by VPS54 MaxPab polyclonal antibody.

Lane 1: VPS54 transfected lysate (90.64 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human VPS54 protein.
Immunogen	VPS54 (AAH41868.1, 1 a.a. ~ 824 a.a) full-length human protein.
Sequence	MLPTKNRIKREKIHCRCKNICPPKDTFERTLLHTHDKSRTDLEQVPKIFMKPDFALDDSLTFNSVLP WSHFNTAGGKGNRDAASSKLLQEKLSHYLDMEVNIAHQISLRSEAFFHAMTSQHELQDYLRKTSQ AVKMLRDKIAQIDKVMCEGSLHILRLALTRNNCKVYVYKLLKMATVHQTPVQVLLSTSEFVGAL DLIATTQEVLLQQLQGIHSFRHLGSQLCELEKLIDKMMIAEFSTYSHSDLNRPLEDDCQVLEECVIN KVSQTEEIDTDVVVKLADQMRMLNFPQWFDLLKDIFSKFTIFLQRVKATLNIIHSVLSVLDKNQRT RELEEISQQKNAAKDNSLDTEVAYLIEGMFISDAFGEGELTPIAVDTTSQRNASPNSEPCSSDSV SEPECTTDSSSSKEHTSSSAIPGGVDIMVSEDMKLTDESELGKLANNIQELLYSASDICHDRVAVKFL MSRAKDGFLKLNSEMEFITLSRLMETFILDTEQICGRKSTSLGALQSQAIFVNRHFHEERKTKLSL LLDNERWKQADVPAEFQDLVDSLSDGKIALPEKKSGATEERKPAEVLMEGQQYAVVGTVLLIRII LEYCQCVDNIPSVTTDMLTRLSDLLKYFNSRSCQLVLGAGALQVVGLKTITTKNLALSSRCLQLMVH YIPVIRAHFEARLPPKQYSMLRHFGHITKDYHDHIAEISAKLVAIMDSLFDKLLSKYEYKAPVPSACF RNICKQMTKMHEAIFDHLPEEQTQMLFLRINASYKLHLKKQLSHLNVINDGGPQNGLVADVAFYT GNLQALKGLKDLDLNMAEWEQKR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89)
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 VPS54 expression in transfected 293T cell line ([H00051542-T02](#)) by VPS54 MaxPab polyclonal antibody.

Lane 1: VPS54 transfected lysate(90.64 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — VPS54

Entrez GeneID	51542
GeneBank Accession#	BC041868
Protein Accession#	AAH41868.1
Gene Name	VPS54
Gene Alias	HCC8, SLP-8p, VPS54L, hVps54L
Gene Description	vacuolar protein sorting 54 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes for a protein that in yeast forms part of a trimeric vacuolar-protein-sorting complex that is required for retrograde transport of proteins from prevacuoles to the late Golgi compartment. As in yeast, mammalian Vps54 proteins contain a coiled-coil region and dileucine motifs. Alternative splicing results in multiple transcript variants encoding different isoforms [provided by RefSeq]
Other Designations	tumor antigen SLP-8p vacuolar protein sorting 54

Publication Reference

- [USP8, a regulator of endosomal sorting, is involved in mouse acrosome biogenesis through interaction with the spermatid ESCRT-0 complex and microtubules.](#)

Giovanna Berruti, Michela Ripolone, Michela Ceriani.

Biology of Reproduction 2010 May; 82(5):930.

Application: IF, WB-Ce, Mouse, Spermatogenic cells

Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)