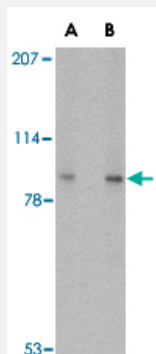


VPS53 polyclonal antibody

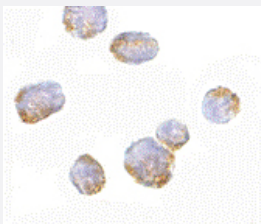
Catalog # PAB13369 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of VPS53 in 293 cell lysate with VPS53 polyclonal antibody (Cat # PAB13369) at (A) 0.5 and (B) 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of VPS53 in 293 cells with VPS53 polyclonal antibody (Cat # PAB13369) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of VPS53.
Immunogen	A synthetic peptide corresponding to C-terminus 18 amino acids of human VPS53.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of VPS53 in 293 cell lysate with VPS53 polyclonal antibody (Cat # PAB13369) at (A) 0.5 and (B) 1 ug/mL .

- Immunocytochemistry

Immunocytochemistry of VPS53 in 293 cells with VPS53 polyclonal antibody (Cat # PAB13369) at 5 ug/mL .

Gene Info — VPS53

Entrez GeneID	55275
Protein Accession#	EAW90658
Gene Name	VPS53
Gene Alias	FLJ10979, HCCS1, MGC39512, hVps53L, pp13624
Gene Description	vacuolar protein sorting 53 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi. [provided by RefSeq]
Other Designations	vacuolar protein sorting 53

Publication Reference

- [Requirement of the human GARP complex for mannose 6-phosphate-receptor-dependent sorting of cathepsin D to lysosomes.](#)

Perez-Victoria FJ, Mardones GA, Bonifacino JS.

Molecular Biology of the Cell 2008 Jun; 19(6):2350.

Application: IP, Human, HeLa cells

- [Identification of host proteins required for HIV infection through a functional genomic screen.](#)

Brass AL, Dykxhoorn DM, Benita Y, Yan N, Engelman A, Xavier RJ, Lieberman J, Elledge SJ.

Science 2008 Jan; 319(5865):921.

- [Characterization of the human GARP \(Golgi associated retrograde protein\) complex.](#)

Liewen H, Meinhold-Heerlein I, Oliveira V, Schwarzenbacher R, Luo G, Wadle A, Jung M, Pfreundschuh M, Stenner-Liewen F.

Experimental Cell Research 2005 May; 306(1):24.

Application: IF, WB-Tr, Human, Monkey, COS-7, HEK 293 cells

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)