

VPS35 Antibody
VPS35 Antibody, Clone 7E4
Catalog # ASM10691**Specification**

VPS35 Antibody - Product Information

Primary Accession	O96OK1
Other Accession	NP_060676.2
Host	Mouse
Clonality	Monoclonal
Target/Specificity	
VPS35	

Other Names

Vacuolar protein sorting-associated protein 35, MEM3, PARK17, VPS35 retromer complex component, maternal-embryonic 3, vesicle protein sortin 35, TCCCTA00141, FLJ10752

Immunogen

Full length recombinant human VSP35

Purification

Protein G Purified

Storage **-20°C**

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% Sodium azide *Storage buffer may change when conjugated

Shipping Temperature

Blue Ice or 4°C

Certificate of Analysis

A 1:1000 dilution of SMC-602 was sufficient for detection of VPS35 in 10 µg of SH-SY5Y by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary antibody.

Cellular Localization

Endosome | Lysosome | Vesicles | Cytoplasm | Membrane

VPS35 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VPS35 Antibody - Images

VPS35 Antibody - Background

Vacuolar Protein Sorter-35 (VPS35) is a component of the retromer complex, which is essential for endosome-to-Golgi retrieval of membrane proteins. VPS35 mutations such as D620N have been linked to Parkinson's Disease (PD) (1,2) and affect retromer function, protein homeostasis, and mitochondria (3).

VPS35 Antibody - References

1. Vilarino-Guell, C. et al. (2011) Am J Hum Genet 89:162-167
2. Zimprich, A. et al. (2011) Am J Hum Genet 89:168-175
3. Rahman, A.A., Morrison, B.E. (2019) Neurosci 401:1-10.