

**VPS35 Antibody**  
**VPS35 Antibody, Clone 10A8**  
**Catalog # ASM10694****Specification**

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**VPS35 Antibody - Product Information**

Primary Accession	<a href="#">O96OK1</a>
Other Accession	<a href="#">NP_060676.2</a>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
<b>Target/Specificity</b>	
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-605 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.