

## TMEM175 antibody

### Product Information

|               |  |
|---------------|--|
| Catalog No.:  | FNab08760  |
| Size:         | 100µg  |
| Form:         | liquid   |
| Purification: | Immunogen affinity purified  |
| Purity:       | ≥95% as determined by SDS-PAGE   |
| Host:         | Rabbit   |
| Clonality:    | polyclonal   |
| Clone ID:     | None   |
| IsoType:      | IgG  |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

### Background

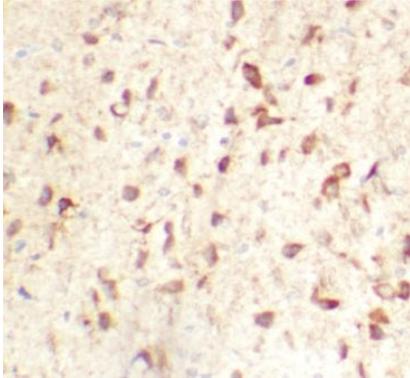
Organelle-specific potassium channel specifically responsible for potassium conductance in endosomes and lysosomes. Forms a potassium-permeable leak-like channel, which regulates luminal pH stability and is required for autophagosome-lysosome fusion. Constitutes the major lysosomal potassium channel.

### Immunogen information

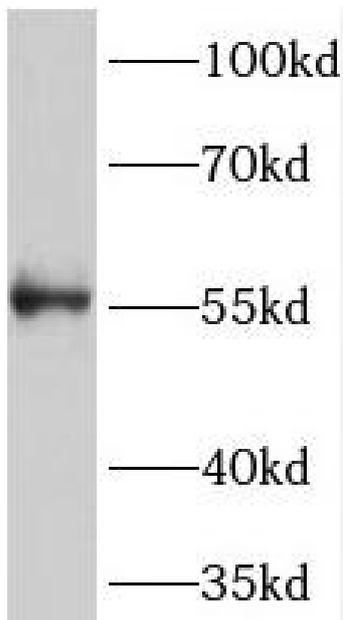
|              |   |
|--------------|---|
| Immunogen:   | transmembrane protein 175   |
| Synonyms:    | Endosomal/lysosomal proton channel TMEM175 Potassium channel TMEM175 Transmembrane protein 175 (hTMEM175) TMEM175 |
| Observed MW: | 54-60 kDa, 41-45 kDa  |
| Uniprot ID : | Q9BSA9  |

### Application

|                       |                                       |
|-----------------------|---------------------------------------|
| Reactivity:           | Human, Mouse, Rat                     |
| Tested Application:   | ELISA, WB, IHC                        |
| Recommended dilution: | WB: 1:500 - 1:2000; IHC: 1:50 - 1:200 |
| Image:                |                                       |



Immunohistochemistry of paraffin-embedded mouse brain using FNab08760(TMEMP175 antibody) at dilution of 1:100



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab08760(TMEMP175 antibody) at dilution of 1:500