

CO027 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10811b**Specification**

CO027 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q2M3C6](#)**CO027 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 123591**Other Names**

Transmembrane protein C15orf27, C15orf27

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CO027 Antibody (C-term) Blocking peptide - Protein Information**Name** TMEM266 ([HGNC:26763](#))**Function**

Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum (PubMed:25165868, PubMed:30810529). Despite the presence of a voltage- sensor segment, does not form a functional ion channel and its precise role remains unclear (PubMed:25165868, PubMed:30810529). Undergoes both rapid and slow structural rearrangements in response to changes in voltage (PubMed:30810529). Contains a zinc-binding site that can regulate the slow conformational transition (PubMed:30810529).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, dendrite Perikaryon. Note=Present in the dendrites and soma of cerebellar granule neurons, but not in their axon

Tissue Location

Mainly expressed in the cerebellum (PubMed:25165868). Also expressed in cerebral cortex,

skeletal muscle and thyroid, but at much lower levels (PubMed:25165868)

CO027 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CO027 Antibody (C-term) Blocking peptide - Images

CO027 Antibody (C-term) Blocking peptide - References

Zody, M.C., et al. Nature 440(7084):671-675(2006)