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CO027 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10811b

Product Information

Application	WB, FC, E
Primary Accession	Q2M3C6
Other Accession	Q9N0B5, NP_689548.2
Reactivity	Human, Mouse
Predicted	Monkey, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28697
Calculated MW	57626
Antigen Region	503-531

Additional Information

Gene ID	123591
Other Names	Transmembrane protein C15orf27, C15orf27
Target/Specificity	This CO027 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 503-531 amino acids from the C-terminal region of human CO027.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CO027 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

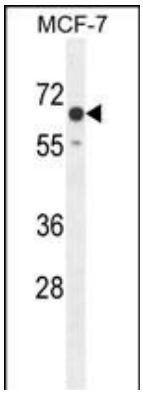
Name	TMEM266 (HGNC:26763)
Function	Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum (PubMed:25165868, PubMed:30810529). Despite the presence of a voltage- sensor segment, does

	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)

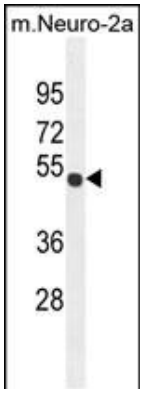
References

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

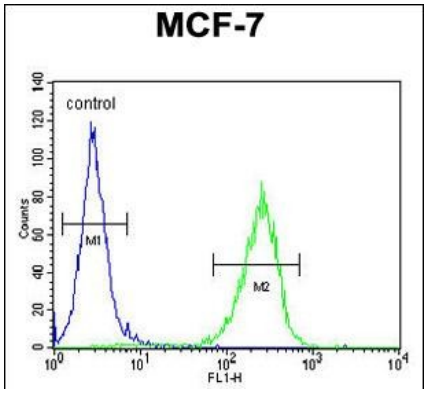
Images



CO027 Antibody (C-term) (Cat. #AP10811b) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the CO027 antibody detected the CO027 protein (arrow).



CO027 Antibody (C-term) (Cat. #AP10811b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the CO027 antibody detected the CO027 protein (arrow).



CO027 Antibody (C-term) (Cat. #AP10811b) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.