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5HT3E Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP10528c

Specification

5HT3E Antibody (Center) Blocking Peptide - Product Information

Primary Accession	A5X5Y0
Other Accession	NP_872395.2

5HT3E Antibody (Center) Blocking Peptide - Additional Information

Gene ID 285242

Other Names
5-hydroxytryptamine receptor 3E, 5-HT3-E, 5-HT3E, Serotonin receptor 3E, HTR3E

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.

5HT3E Antibody (Center) Blocking Peptide - Protein Information

Name HTR3E (HGNC:24005)

Function
Forms serotonin (5-hydroxytryptamine/5-HT3)-activated cation- selective channel complexes, which when activated cause fast, depolarizing responses in neurons.

Cellular Location
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.

Tissue Location
Expressed in adult colon and intestine.

5HT3E Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

5HT3E Antibody (Center) Blocking Peptide - Images

5HT3E Antibody (Center) Blocking Peptide - Background

The product of this gene belongs to the ligand-gated ionchannel receptor superfamily. HTR3E encodes a subunit E of thetype 3 receptor for 5-hydroxytryptamine (serotonin), a biogenichormone that functions as a neurotransmitter, a hormone, and amitogen. This receptor causes fast, depolarizing responses inneurons after activation. Genes encoding subunits C, D and E form acluster on chromosome 3. An alternative splice variant has beendescribed but its full length sequence has not been determined.

5HT3E Antibody (Center) Blocking Peptide - References

Walstab, J., et al. J. Biol. Chem. 285(35):26956-26965(2010)Hammer, C., et al. Pharmacogenomics 11(7):943-950(2010)Lennertz, L., et al. Eur Neuropsychopharmacol 20(6):414-420(2010)Goecke, T.W., et al. Acta Obstet Gynecol Scand 89(1):7-14(2010)Schuhmacher, A., et al. Pharmacogenet. Genomics 19(11):843-851(2009)