
SCTR Antibody Blocking Peptide

Catalog Number: bs-0089P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The receptor for secretin is a class 2 (or class B) G protein coupled receptor that signals through Gs to stimulate cAMP production. Along with its traditional role in the pancreas, studies in secretin-deficient mice have shown miscommunication between the CA3 Schaffer collateral and CA1 pyramidal neurons, causing a deficiency in synaptic transmission. This miscommunication of CA1 dendrites is found in Autism, Rett Syndrome, and most forms of mental retardation, suggesting secretin could be a potential target for treatment of these disorders.