
NECAB2 Antibody Blocking Peptide

Catalog Number: bs-9016P

Activity: Not tested

Purification: HPLC

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

Background: Members of the EF-CBP (N-terminal EF-hand calcium binding protein)/NECAB (neuronal calcium-binding protein) family participate in neuronal calcium signaling. EF-CBP2, also known as NECAB2 (N-terminal EF-hand calcium binding protein 2), neuronal calcium-binding protein 2 or synaptotagmin-interacting protein 2 (Stip-2), is a 386 amino acid cytoplasmic protein that contains one antibiotic biosynthesis monooxygenase (ABM) domain and two EF-hand domains. Expressed in brain, EF-CBP2 is suggested to bind metabotropic glutamate receptor 5 (mGluR-5) in a calcium-regulated manner. The gene encoding EF-CBP2 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.