Bioworld Technology CO., Ltd.

Epsin 2 (L304) Peptide

Cat No.: BS3122P

Background

Elucidation of the mechanism by which receptor tyrosine kinases (RTKs) modulate cellular physiology in response to stimuli is critical to the understanding of growth regulation. Miscues in RTK signaling pathways can result in cellular transformation and ultimately in cancer. Two novel EGF receptor substrates designated EGF-receptor pathway substrates 8 and 15, or Eps8 and Eps15, have been described. Epsin is a 90 kDa binding partner to Eps15. Both epsin and Eps15 have an ubiquitous tissue distribution but are concentrated in presynaptic nerve terminals specialized for the Clathrin-mediated endocytosis of synaptic vesicles. Disruption of epsin function blocks Clathrinmediated endocytosis. Epsin along with its binding partner Eps15 is proposed to be involved in the assistance of Clathrin coat rearrangement during Clathrin coated pit invagination. Epsin 2 and epsin 2a are also associated with Clathrin-mediated endocytosis and are enriched in the brain in the peri-Golgi region.

Swiss-Prot

O95208

Applications

Blocking

Specificity

This peptide can be used with studies using BS3122 Epsin 2 (L304) pAb.

Purification & Purity

Synthetic peptide Epsin 2 (L304). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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