
SYPL1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254116

Unit: 0.1 mg

Description:

The synaptophysin-like protein 1, also known as pantophysin, is a homolog of the neuroendocrine-specific protein synaptophysin, with the highest level of homology across its four transmembrane domains. Unlike synaptophysin however, SYPL1 is ubiquitously expressed and found in small cytoplasmic transport vesicles regardless of their content. SYPL1 is thought to play a multifunctional role in vesicle biogenesis and transport and is a component of adipocyte transport vesicles, and thus may be involved in adipocyte secretion. SYPL1 also interacts with vesicle-associated membrane protein 2 (VAMP-2) in adipocytes and associates with GLUT4-containing vesicles. This antibody will not recognize synaptophysin or SYPL2. Two isoforms of SYPL1 are known to exist; this antibody will only recognize the longer isoform.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SYPL1; Synaptophysin-like 1 protein; H-SP1; pantophysin

Accession No.: NP_006745

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human SYPL1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.