
SORL1 (3B6B) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252723

Unit: 0.1 ml

Description:

SORL1 (Sortilin-related receptor, LA repeats containing) is a Type I membrane protein that may be involved in cell-cell interaction. SorLA, a single transmembrane receptor, binds LDL and transports it into cells by endocytosis. SorLA is synthesized as a proreceptor which is processed to the mature form by a furin-like propeptidase. It can also bind to RAP (receptor-associated protein). SorLA is a multifunctional endocytosis receptor important in lipoprotein and protease uptake. The N-terminal propeptide, which is removed, can be cleaved by furin or homologous proteases. Endogenous SorLA binds the neuropeptide head activator (HA) and is important for HA signaling and function. SorLA is expressed mainly in brain (cerebral cortex, cerebellum and the occipital pole), but can also be found in liver, spinal cord, kidney, testis and pancreas.

Isotype: Mouse IgG1

Applications: WB, IHC, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Sortilin-related receptor; Low-density lipoprotein receptor relative with 11 ligand-binding repeats; LDLR relative with 11 ligand-binding repeats; LR11; SorLA-1; Sorting protein-related receptor containing LDLR class A repeats; SorLA; SORL1; C11orf32

Accession No.: Q92673

Antigen: Purified recombinant fragment of human SORL1 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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