

Mouse Monoclonal Antibody to SORL1

Catalogue Number	sAP-0137
Target Molecule	Name: SORL1 Aliases: SORL1 MW: N/A Entrez Gene ID: 6653
Description	SORL1 (sortilin-related receptor, L A repeats containing) also known as sorting protein-related receptor containing LDLR class A (SorLA), 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. The gene encoding for the protein maps to chromosome 8p23.1. SorLA is ex-
Immunogen	Purified recombinant fragment of SORL1 (aa2159-2214) expressed in E. Coli.
Recitative Species	Human
Clone	MM7D7B11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Scherzer CR. Offe K. Gearing M. et al. Arch Neurol. 2004, Aug, 61(8):1200-5. ; 2. Gabrielsson BG. Olofsson LE. Sjogren A. et al. Obes Res. 2005, Apr, 13(4):649-52. ; 3. Shah S. Yu G. Mol Interv. 2006, Apr, 6 (2):74-6, 58. Review.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**