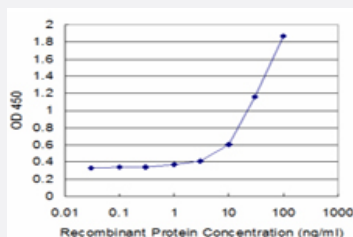


SORL1 monoclonal antibody (M01), clone 3F2

Catalog # H00006653-M01

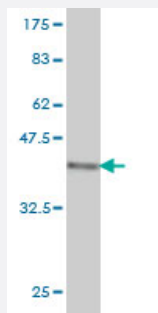
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SORL1 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SORL1.

Immunogen

SORL1 (NP_003096, 82 a.a. ~ 181 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

SAALQPEPIKVYGGVSLNDSHNQMVVHWAGEKSNVVALARDSLALARPKSSDVVYSYDYGKSF
KKISKDLNFGNGNRSEAVIAQFYHSPADNKRYIFAD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (91)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SORL1 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SORL1

Entrez GeneID	6653
GeneBank Accession#	NM_003105
Protein Accession#	NP_003096
Gene Name	SORL1
Gene Alias	C11orf32, FLJ21930, FLJ39258, LR11, LRP9, SORLA, SorLA-1, gp250
Gene Description	sortilin-related receptor, L(DLR class) A repeats-containing
Omim ID	104300 602005
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that belongs to the families of vacuolar protein sorting 10 (VPS10) domain-containing receptor proteins, of low density lipoprotein receptor (LDLR) proteins, and of fibronectin type III repeats proteins. In addition to VPS10, LDLR and fibronectin type 3 domains, this protein also includes an epidermal growth factor precursor-like module, a single transmembrane segment and a cytoplasmic tail with features similar to endocytosis- and sorting-competent receptors. Members of the VPS10 domain-containing receptor family are large with many exons but the CDS lengths are usually less than 3700 nt; this gene is an exception to the pattern with a CDS length greater than 6600 nt. Very large introns typically separate the exons encoding the VPS10 domain; the remaining exons are separated by much smaller-sized introns. The encoded protein is mainly intracellular and localizes in the paranuclear compartment. It is synthesized as a preproprotein, and when the propeptide is still attached, no binding occurs to the VPS10 domain. This gene is strongly expressed in the central nervous system. [provided by RefSeq]

Other Designations

mosaic protein LR11|sortilin-related receptor containing LDLR class A repeats

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intelligence Tests](#)
- [Nerve Degeneration](#)
- [Neuropsychological Tests](#)
- [Psychiatric Status Rating Scales](#)

- [Tobacco Use Disorder](#)
- [Werner syndrome](#)