抗人Sortilin参考抗体)

Anti-Human Sortilin Reference Antibody

货号：RB9T37015497

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015497

中文名称
抗人Sortilin参考抗体)

英文名称
Anti-Human Sortilin Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
Q99523

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG1-Kappa

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
2.23mg/ml

种属反应性
Human

靶标

Neurotensin receptor 3, Gp95, Glycoprotein 95, Sortilin, 100 kDa NT receptor, NTR3, SORT1, NT3

背景信息

Latozinemab (AL001) is a recombinant human anti-Sortilin monoclonal antibody. Latozinemab effectively binds Sortilin with a high affinity and blocks the interaction between progranulin protein (PGRN) and Sortilin receptor. Latozinemab has the potential for progranulin gene (GRN) mutations causative of Frontotemporal dementia (FTD) (FTD-GRN) research.

• The 100-kDa neurotensin receptor is gp95/sortilin, a non-G-protein-coupled receptor., PMID:9756851

• Sortilin is dispensable for secondary injury processes following traumatic brain injury in mice., PMID:39170542

• Neurotrophins and their involvement in digestive cancers., PMID:30741921

• Sortilin Modulates Schwann Cell Signaling and Remak Bundle Regeneration Following Nerve Injury., PMID:35634462

• Peptides other than the neurotrophins that can be cleaved from proneurotrophins: a neglected story., PMID:17917853

• The Neurotrophin Receptor TrkC as a Novel Molecular Target of the Antineuroblastoma Action of Valproic Acid., PMID:34360553

• Proneurotrophin-3 may induce Sortilin-dependent death in inner ear neurons., PMID:21261755

• Neurotrophins and their receptors in early development of the mammalian nervous system., PMID:21196952

• Proneurotrophin-3 is a neuronal apoptotic ligand: evidence for retrograde-directed cell killing., PMID:19940174

别名

AL001, 2376132-27-1

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.