抗人TSPAN4多克隆抗体

Anti-Human TSPAN4 Polyclonal Antibody

货号：RB9T37037355

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
RB9T37037355

中文名称
抗人TSPAN4多克隆抗体

英文名称
Anti-Human TSPAN4 Polyclonal Antibody

形态
Liquid

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

应用
ELISA, IHC, WB

登录号
O14817

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Mouse, Human

靶标
NAG-2, NAG2, Novel antigen 2, TM4SF7, TSPAN4, Tetraspanin-4, Transmembrane 4 superfamily member 7, Tspan-4

免疫原
E. coli - derived recombinant Human TSPAN4 (Tyr107-Asn201).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Tetraspanin-4 (TSPAN4) is a ~26 kDa protein. Structural component of specialized membrane microdomains known as tetraspanin-enriched microdomains (TERMs), which act as platforms for receptor clustering and signaling. Plays an essential role in migrasome formation and migration on retracting fibers at the rear end of migrating cells. Migrasomes are cellular organelles that form as large vesicle-like structures on retraction fibers of migrating cells. Mechanistically, acts as a membrane curvature sensor and participates in stabilizing the migrasome structure in a late stage of biogenesis. May also play a regulatory role for the histamine H4 receptor/HRH4 without affecting histamine binding to HRH4 or signaling.

1. Huang, Y. et al. (2019) Nature cell biology 21, 991-1002. PMID: 31371828
2. Dharan, R. et al. (2022) Proceedings of the National Academy of Sciences of the United States of America 119, e2208993119. PMID: 36252000
3. Dharan, R. et al. (2023) Nature communications 14, 1037. PMID: 36823145
4. Ma, X. et al. (2021) Biomolecules 11. PMID: 34439793

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only