抗脂质运载蛋白2抗体

Anti-Lipocalin-2 / NGAL antibody (RB9A37016564

货号：RB9A37016564

产品描述

中文名称
Anti-Lipocalin-2 / NGAL 抗体 (RB9A37016564)

英文名称
Anti-Lipocalin-2 / NGAL antibody (RB9A37016564)

别名
Neutrophil gelatinase-associated lipocalinNGALLipocalin-2Oncogene 24p3SV-40-induced 24p3 proteinSiderocalin LCN2p2524p3Lcn2

靶点符号
Lcn2

产品类型
一抗

关键信息

宿主种属
Rabbit

克隆
Monoclonal

亚型
IgG

不含载体蛋白
No

反应种属
MouseRat

应用
WBIHC-P

免疫原
The exact immunogen used to generate this antibody is proprietary information.

特异性
This antibody is not recommended for use in Cell Samples in Western Blot as it detected a strong nonspecific band close to the NGAL position.Treatment is often required to enable detection of Lipocalin-2 protein due to its low endogenous expression levels. Various stimuli, such as LPS, antimycin A, and folic acid (FA), have been reported to induce Lipocalin-2 expression (PMID: 34789720, 34392303, 36923935). However, the protein level of induction may vary depending on the treatment duration and reagent concentration.In addition, Lipocalin-2 is a secreted protein and may be released into the culture medium in cell-based experiments. Therefore, it is recommended to analyze both culture supernatants and whole-cell lysates when assessing Lipocalin-2 expression. Alternatively, cells may be treated with brefeldin A (BFA) to inhibit protein secretion and facilitate intracellular detection of Lipocalin-2.

反应性数据

应用	应用代码	物种	验证状态	推荐稀释	备注
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Mouse	已验证	1/2000	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

应用	应用代码	物种	验证状态	推荐稀释	备注
Western blot	WB	Mouse	已验证	1/1000	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Rat	已验证	1/2000	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
Western blot	WB	Rat	不推荐	1/1000	-

储存与纯化

形式
Liquid

纯化工艺
Affinity purification Protein A

存储溶液
pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA

推荐的短期储存时间
1-2 weeks

储存信息
Avoid freeze / thaw cycle

本产品仅供科研使用，不用于临床诊断。