

兔抗 LCN2 多克隆抗体

- 中文名称: 兔抗 LCN2 多克隆抗体
- 英文名称: Anti-LCN2 rabbit polyclonal antibody
- 别 名: 24p3, MSFI, NGAL
- 相关类别: 一抗
- 储 存: 冷冻 (-20℃)
- 宿 主: Rabbit
- 抗 原: LCN2
- 反应种属: Human
- 标记物: Unconjugate
- 克隆类型: rabbit polyclonal

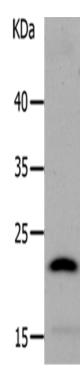
技术规格

	Iron-trafficking protein involved in multiple processes such a s apoptosis, innate immunity and renal development. Binds i ron through association with 2,5-dihydroxybenzoic acid (2,5- DHBA), a siderophore that shares structural similarities with bacterial enterobactin, and delivers or removes iron from the cell, depending on the context. Iron-bound form (holo-24p3)
Background:	is internalized following binding to the SLC22A17 (24p3R) re ceptor, leading to release of iron and subsequent increase o f intracellular iron concentration. In contrast, association of t he iron-free form (apo-24p3) with the SLC22A17 (24p3R) rec eptor is followed by association with an intracellular siderop hore, iron chelation and iron transfer to the extracellular me dium, thereby reducing intracellular iron concentration. Invol



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	ved in apoptosis due to interleukin-3 (IL3) deprivation: iron-l oaded form increases intracellular iron concentration without promoting apoptosis, while iron-free form decreases intracell ular iron levels, inducing expression of the proapoptotic prot ein BCL2L11/BIM, resulting in apoptosis. Involved in innate i mmunity, possibly by sequestrating iron, leading to limit bac terial growth.
Applications:	ELISA, IHC
Name of antibody:	LCN2
Immunogen:	Synthetic peptide of human LCN2
Full name:	lipocalin 2
Synonyms :	24p3, MSFI, NGAL
SwissProt:	P80188
ELISA Recommended diluti on:	2000-5000
IHC positive control:	Human brain and Human liver cancer
IHC Recommend dilution:	25-100





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