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NGAL Rabbit mAb

货号: AAY2018

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000
理论分子量	23kD
实测分子量	23kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1020.
偶联物	Unconjugated
阳性对照	U2OS,293T negative
细胞定位	Secreted, Cytoplasmic granule lumen, Cytoplasmic vesicle lumen
纯化	亲和纯化

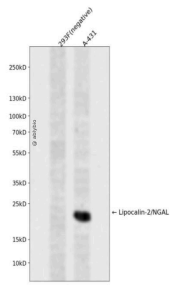
抗原信息

抗原信息	

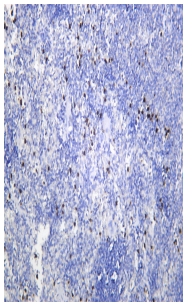
靶点信息

研究背景	This gene encodes a protein that belongs to the lipocalin family. Members of this family transport small hydrophobic molecules such as lipids, steroid hormones and retinoids. The protein encoded by this gene is a neutrophil gelatinase-associated lipocalin and plays a role in innate immunity by limiting bacterial growth as a result of sequestering iron-containing siderophores. The presence of this protein in blood and urine is an early biomarker of acute kidney injury. This protein is thought to be be involved in multiple cellular processes, including maintenance of skin homeostasis, and suppression of invasiveness and metastasis. Mice lacking this gene are more susceptible to bacterial infection than wild type mice.
基因ID	3934
基因名	LCN2 HNL NGAL
Swiss	P80188 (https://www.uniprot.org/uniprotkb/P80188/entry)
别名	LCN2 HNL NGAL;NGAL;Neutrophil gelatinase-associated lipocalin;NGAL;25 kDa alpha-2-microglobulin-related subunit of MMP-9;Lipocalin-2;Oncogene 24p3;Siderocalin LCN2;p25;

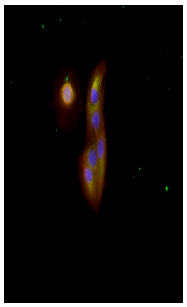
产品验证



Western blot analysis of Lipocalin-2/NGAL expressed in 293F(negative),A-431 using Lipocalin-2/NGAL at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s



Rat spleen was stained with anti-NGAL Rabbit antibody，1：400



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab NGAL for 1 hour at 37°C. An AlexaFluor 594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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