SunLong Biotech Co.,LTD
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Rabbit Anti-MPP8 antibody

SLM-60478R

Product Name	MPP8
Chinese Name	
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	H12G4
React Species	Mouse
Applications	WB=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG/Kappa
Purification	Affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	异染色质组分，特异性识别和结合组蛋白 H3（H3K9me）的甲基化“Lys-9”，并促进介导表观遗传抑制的蛋白质的募集。介导 HUSH 复合体向 H3K9me3 位点的募集：HUSH 复合体被募集到富含 H3K9me3 的基因组位点，并且需要通过促进 SETDB1（一种介导 H3K9me3 进一步沉积的组蛋白甲基转移酶）以及 MORC2 的募集来维持转录沉默。结合 H3K9me 并通过招募 DNMT3A 到靶 CpG 位点来促进 DNA 甲基化；它们可以位于基因的编码区内。介导 CDH1 表达下调。同时与 MORC2 和 SETDB1 协同抑制 L1 逆转录转座子，沉默依赖于抑制性表观遗传修饰，如 H3K9me3 标记。沉默事件通常发生在转录活跃基因的内含子内，导

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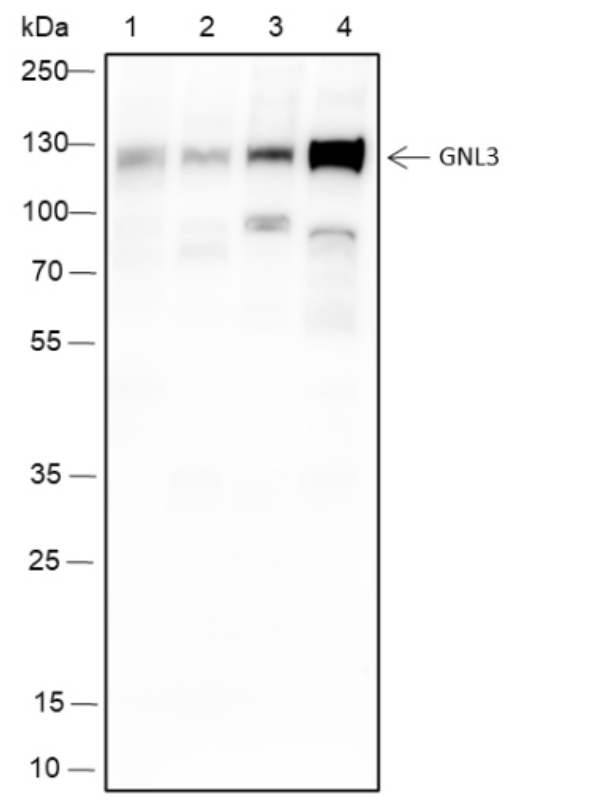
致宿主基因表达下调。

Product Picture



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: room temperature 2h

Secondary ab: Goat Anti-Mouse IgG H&L (HRP)

Lysate: 1: MEF, 2: Mouse E12 brain, 3: 4T1, 4: F9

Protein loading quantity: 20 μg

Exposure time: 30 s

Predicted MW: 110 kDa

Observed MW: 125 kDa

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