

Epigenetics and Nuclear Signaling—Transcription

Epigenetics and Nuclear Signaling—Transcription 是以DNA为模板，通过RNA聚合酶的催化作用，将遗传信息转录为RNA分子（主要为mRNA）的分子过程。作为蛋白质合成的关键起始步骤，转录不仅生成mRNA，还包括tRNA、rRNA等非编码RNA的合成。转录过程发生在细胞核内，依赖于RNA聚合酶对DNA的识别和催化，分为三个主要阶段：起始阶段，在该阶段RNA聚合酶识别DNA上的启动子序列并形成转录泡；延伸阶段，RNA聚合酶沿DNA模板链逐步合成RNA，通过加成相应的核苷酸单元；终止阶段，当RNA聚合酶遇到终止子序列时，转录过程结束，RNA产物被释放。新合成的初级RNA需要经过一系列加工步骤，包括剪接、甲基化、加尾等修饰，才能形成成熟的mRNA、tRNA或rRNA，最终参与细胞内蛋白质的合成过程。这一过程的精确调控对于细胞的功能和基因表达至关重要。

优质抗体推荐

Product name	Catalog#	Species reactivity	Tested applications	Antibody type
NFE2	HA721365	H,Ms,R	WB,IHC-P,IF-Cell,FC	Rabbit mAb
PHF6	HA721812	H,Ms,R,Mk	WB,IHC-P,IF-Cell	Rabbit mAb
DLX3	HA722281	H	WB,IF-Cell,IHC-P,FC,IF-Tissue	Rabbit mAb
E2F4	HA721374	H	WB,IHC-P,FC	Rabbit mAb
E2F6	HA721481	H,Ms	WB,IHC-P	Rabbit mAb
HOXA5	HA722398	H,R	WB	Rabbit mAb
HOXB4	HA721739	H,Ms,R	WB,IHC-P,FC	Rabbit mAb
HOXC6	HA721409	H,R	WB	Rabbit mAb
LHX3	HA722334	H,Ms,R	WB	Rabbit mAb
FOXF1	HA722456	H	WB,IF-Cell,FC	Rabbit mAb
FRA1	HA722771	H	WB	Rabbit mAb
Dlx2	HA723535	Ms,R	WB	Rabbit mAb
Dlx2	HA723536	Ms,R	IHC-P	Rabbit mAb
BATF3	HA723541	H	WB,IP,ChIP	Rabbit mAb

*H: Human; Ms: Mouse; R: Rat; Mk: Monkey

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产品特点

高灵敏性

稀释比高，信号强，背景低。

01



高特异性

敲低验证，独立抗体验证，确保抗体的特异性。

02



种属/应用全面

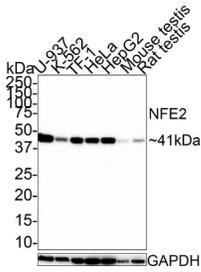
满足不同种属、不同应用的实验需求。

03

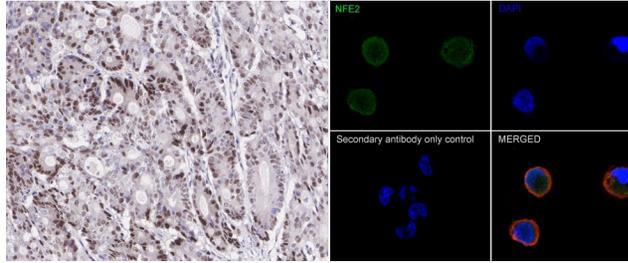


检测数据精选

NFE2 重组兔单抗 | HA721365

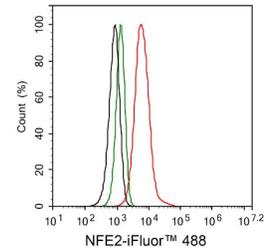


WB analysis on different lysates
(1/1,000 dilution)



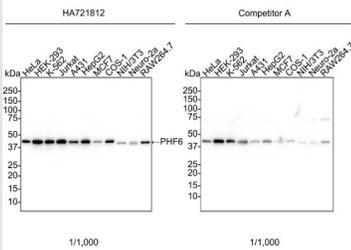
IHC-P staining with human colon cancer tissue
(1/1,000 dilution)

IF-Cell staining with K-562 Cells
(1/100 dilution)

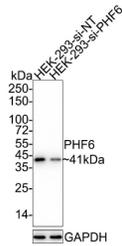


FC staining with K-562 Cells
(1/1,000 dilution)

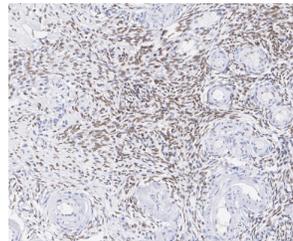
PHF6重组兔单抗 | HA721812



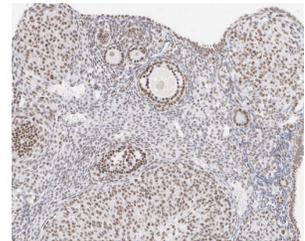
WB analysis on different lysates
(1/1,000 dilution)
Independent antibody validation



WB analysis on HEK-293 lysates
(1/1,000 dilution)
(Knockdown (KD) validated)

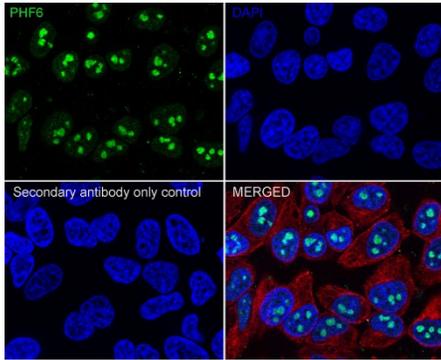


IHC-P staining with human ovary tissue
(1/1,000 dilution)

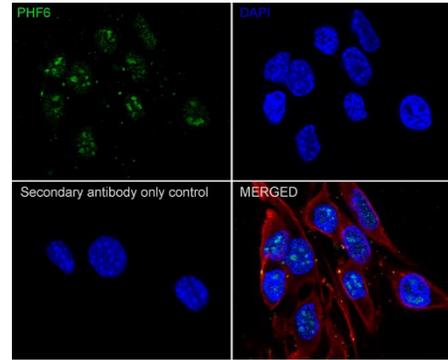


IHC-P staining with mouse ovary tissue
(1/1,000 dilution)

PHF6重组兔单抗 | HA721812

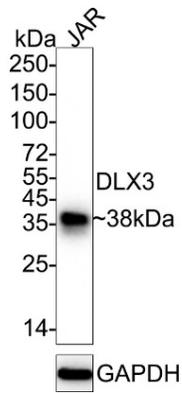


IF-cell analysis of HeLa cells
(1/100 dilution)

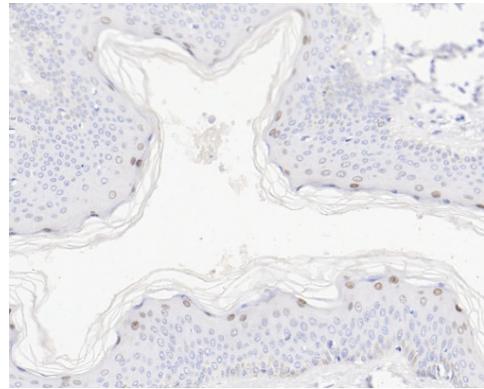


IF-cell analysis of NIH/3T3 cells
(1/100 dilution)

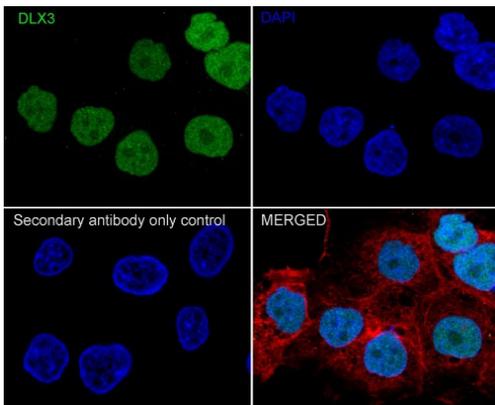
DLX3 重组兔单抗 | HA722281



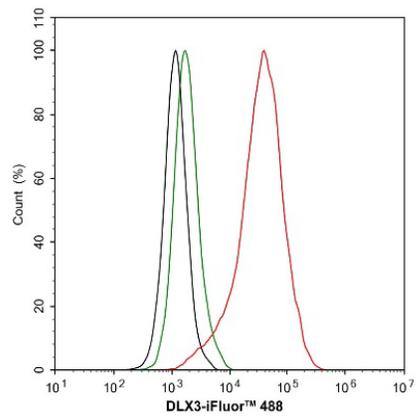
WB analysis on JAR lysates
(1/1,000 dilution)



IHC-P staining with human skin tissue
(1/1,000 dilution)



IF-cell analysis of JAR cells
(1/100 dilution)



FC analysis of JAR cells
(1/1,000 dilution)