



DMRT1 rabbit pAb

货号	YP-Ab-17892
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	DMRT1
基因名称	DMRT1 DMT1
蛋白名称	Doublesex- and mab-3-related transcription factor 1 (DM domain expressed in testis protein 1)
免疫原	Synthesized peptide derived from human DMRT1. AA range:330-373
特异性	This antibody detects endogenous levels of DMRT1 at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	41kD
功能	Transcription factor that plays a key role in male sex determination and differentiation by controlling testis development and male germ cell proliferation. Plays a central role in spermatogonia by inhibiting meiosis in undifferentiated spermatogonia and promoting mitosis, leading to spermatogonial development and allowing abundant and continuous production of sperm. Acts both as a transcription repressor and activator: prevents meiosis by restricting retinoic acid (RA)-dependent transcription and repressing STRA8 expression and promotes spermatogonial development by activating spermatogonial differentiation genes, such as SOHLH1. Also plays a key role in postnatal sex maintenance by maintaining testis determination and preventing feminization: represses transcription of female promoting genes such as FOXL2 and activates male-specific genes. May act as a tumor suppressor. May also play
细胞定位	Nucleus .
组织表达	Testis-specific. Expressed in prostate cancer (at protein level).
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!



使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images