



INO80 rabbit pAb

货号	YP-Ab-18187
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	INO80
基因名称	INO80 INO80A INOC1 KIAA1259
蛋白名称	DNA helicase INO80 (hINO80) (EC 3.6.4.12) (INO80 complex subunit A) (Putative DNA helicase INO80 complex homolog 1)
免疫原	Synthesized peptide derived from human INO80
特异性	This antibody detects endogenous levels of INO80 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	171kD
功能	ATPase component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and DNA repair . Binds DNA . As part of the INO80 complex, remodels chromatin by shifting nucleosomes . Regulates transcription upon recruitment by YY1 to YY1-activated genes, where it acts as an essential coactivator . Involved in UV-damage excision DNA repair . The contribution to DNA double-strand break repair appears to be largely indirect through transcriptional regulation . Involved in DNA replication . Required for microtubule assembly during mitosis thereby regulating chromosome segregation cycle .
细胞定位	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, spindle . Chromosome . Localizes to the cytoplasm in quiescent cell (PubMed:20237820). Associates with spindle microtubules during mitosis (PubMed:20237820). Colocalizes with PCNA at replication forks during S-phase (PubMed:20237820). Recruited to DNA damage sites in a ACTR8-dependent manner (PubMed:20971067). .
组织表达	According to PubMed:10574462, widely expressed. According to PubMed:16298340, specifically expressed in brain, liver and pancreas.
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.

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