

Oct4 Rabbit mAb

货号: **AYM29607**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	30kDa/38kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse embryo
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

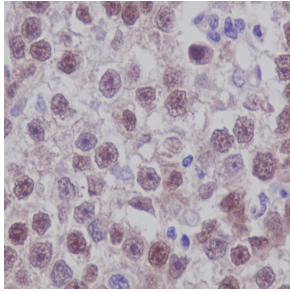
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Oct4.
序列	LQCPKPTLQQISHIAQQLGLEKDVVVRVWFCNRRQKGRSSSDYAQREDFEAAGSPFSGGPVVSFPLAPGPHFGTPGYGSP HFTALYSSVPFPEGEAFPPVSV

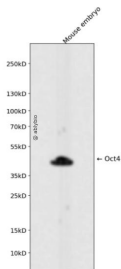
靶点信息

研究背景	This gene encodes a transcription factor containing a POU homeodomain that plays a key role in embryonic development and stem cell pluripotency. Aberrant expression of this gene in adult tissues is associated with tumorigenesis. This gene can participate in a translocation with the Ewing's sarcoma gene on chromosome 21, which also leads to tumor formation. Alternative splicing, as well as usage of alternative AUG and non-AUG translation initiation codons, results in multiple isoforms. One of the AUG start codons is polymorphic in human populations. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12.
基因ID	5460
基因名	POU5F1
Swiss	Q01860
别名	POU5F1;OCT3;OCT4;OTF-3;OTF3;OTF4;Oct-3;Oct-4

产品验证



Immunohistochemical analysis of paraffin-embedded human seminoma, using Oct4 Antibody.



Western blot analysis of Oct4 expressed in Mouse embryo using Oct4 Rabbit mAb 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.

实验步骤

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