

Anti-Nanog Rabbit pAb



WL03273

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Nanog Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background

Nanog is a member of the homeobox family of DNA binding transcription factors that has been shown to maintain pluripotency of embryonic stem cells. Nanog expression is controlled by a network of factors including Sox2 and the key pluripotency regulator Oct-4. Nanog expression is high in undifferentiated embryonic stem cells and is down-regulated during embryonic stem cell differentiation, concomitant with loss of pluripotency.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Nanog.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

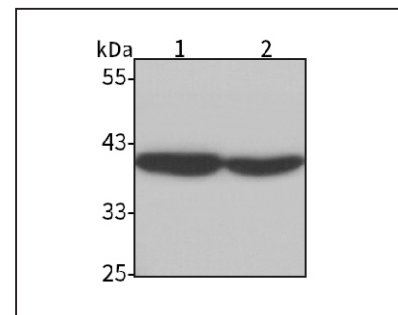
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Product Images



Western blot-Anti-Nanog pAb

Lane 1: Mouse brain tissue lysate

Lane 2: Rat brain tissue lysate

All lanes: Anti-Nanog at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 35 kDa

Observed band size: 40 kDa