

NANOG Polyclonal Antibody

catalog number: E-AB-70199

Note: Centrifuge before opening to ensure complete recovery of vial contents.

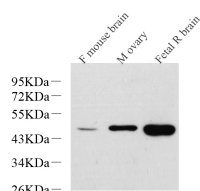
Description

Reactivity	Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Nanog
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

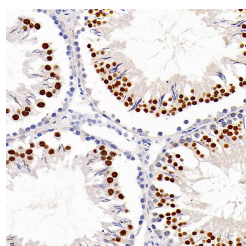
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:300-1:800

Data

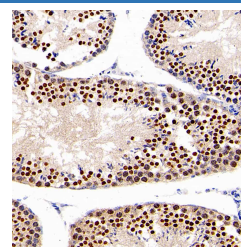


Western Blot analysis of various samples using NANOG Polyclonal Antibody at dilution of 1:1000.

Observed-MV:42 kDa
Calculated-MV:42 kDa



Immunohistochemistry analysis of paraffin-embedded Rat testis using NANOG Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse testis using NANOG Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

The protein encoded by this gene is a DNA binding homeobox transcription factor involved in embryonic stem (ES) cell proliferation, renewal, and pluripotency. The encoded protein can block ES cell differentiation and can also autorepress its own expression in differentiating cells. Two transcript variants encoding different isoforms have been found for this gene.

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