Anti-Nanog antibody

Catalog Number: 175589

Product name

Anti-Nanog antibody

Specificity

Human, Mouse, Rat

Antibody description

Rabbit polyclonal antibody to Nanog

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from mouse nanog 101-200/305

Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage

Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20℃. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4℃.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, ICC/IF

Dilutions

WB:1:500-2000

IHC-P:1:400-800

IF:1:100-500

ICC/IF:1:100-500

Validations

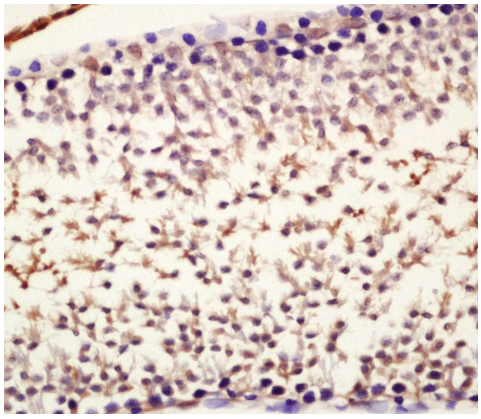

Fig1: Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;; Incubation: Anti-Nanog Polyclonal Antibody, Unconjugated 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

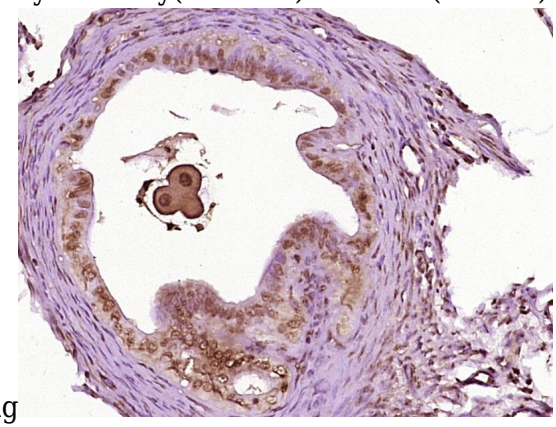

Fig2: Paraformaldehyde-fixed, paraffin embedded (Mouse ovarian); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37℃ for 30min; Antibody incubation with (Nanog) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4℃, followed by operating

according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

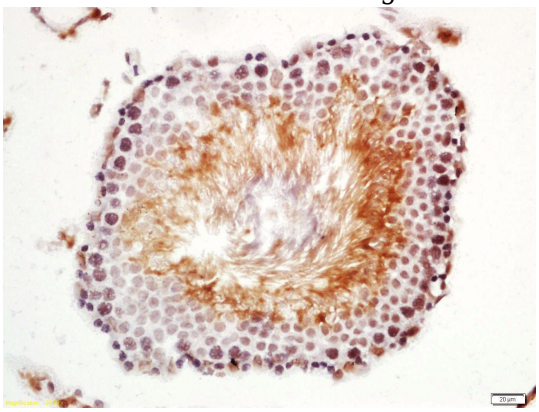

Fig3: Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;; Incubation: Anti-Nanog Polyclonal Antibody, Unconjugated 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

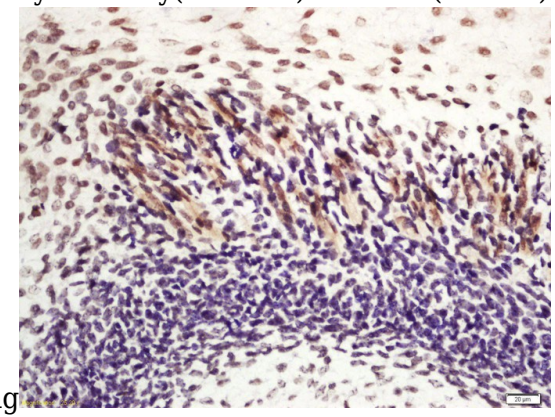

Fig4: Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;; Incubation: Anti-Nanog Polyclonal Antibody, Unconjugated 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

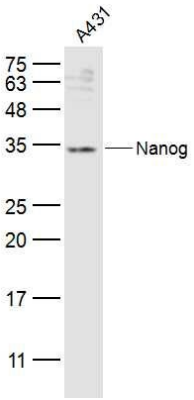

Fig5: Sample:; A431(Human) Cell Lysate at 30 ug; Primary: Anti-Nanog at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 34 kD; Observed band size: 34 kD

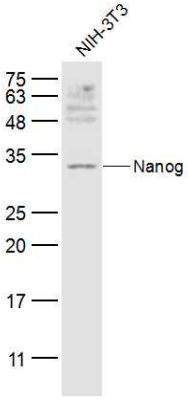

Fig6: Sample:; NIH/3T3(Mouse) Cell Lysate at 30 ug; Primary: Anti-Nanog at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 34 kD; Observed band size: 34 kD