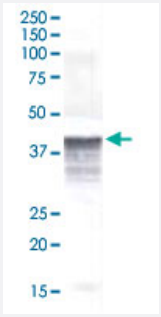
Nanog polyclonal antibody

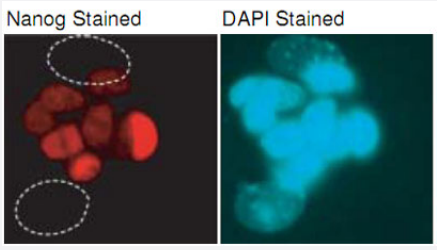
Catalog # PAB13693 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis from mouse embryonic stem (ES) cells with Nanog polyclonal antibody (Cat # PAB13693).



Immunofluorescence

Immunofluorescence with Nanog polyclonal antibody (Cat # PAB13693). Feeder cells are indicated by dotted line circle.

Specification

Product Description	Rabbit polyclonal antibody raised against Nanog.
Immunogen	Mouse Nanog protein.
Host	Rabbit
Reactivity	Mouse
Specificity	Recognizes mouse Nanog. Cross reactivity with monkey and human observed in immunocytochemis try. Detects bands at 37-44 KDa.
Form	Liquid

Recommend Usage	Immunocytochemistry (1:150-1:700) Western Blot (1:300-1:2000) Immunoprecipitation (1:300) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis from mouse embryonic stem (ES) cells with Nanog polyclonal antibody (Cat # PAB13693).

- Immunocytochemistry

- Immunofluorescence

  Immunofluorescence with Nanog polyclonal antibody (Cat # PAB13693). Feeder cells are indicated by dotted line circle.

- Immunoprecipitation

Gene Info — Nanog

Entrez GeneID	71950
Gene Name	Nanog
Gene Alias	2410002E02Rik, ENK, ecat4
Gene Description	Nanog homeobox
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000027613|early embryo specific expression NK family|homeobox transcription fact or Nanog

Publication Reference

- Nanog expression in mouse germ cell development.

  Hansen PB, Jensen BL, Yamaguchi S, Andreasen D, Kimura H, Friis UG, Tada M, Skott O, Nakatsuji N, Tada T.

  Gene Expression Patterns 2005 Jun; 5(5):639.

  Application: IF, IHC-Fr, Mouse, Mouse embryos

- Pluripotential competence of cells associated with Nanog activity.

  Hatano SY, Tada M, Kimura H, Yamaguchi S, Kono T, Hussain SP, Nakano T, Hollstein MH, Suemori H, Harris CC, Nakatsuji N, Tada T.

  Mechanisms of Development 2005 Jan; 122(1):67.

  Application: IF, WB, Human, Mouse, Embryonic stem cells, NIH/3T3 cells, Thymocytes

- Functional expression cloning of Nanog, a pluripotency sustaining factor in embryonic stem cells.

  Chambers I, Colby D, Robertson M, Nichols J, Lee S, Tweedie S, Smith A.

  Cell 2003 May; 113(5):643.