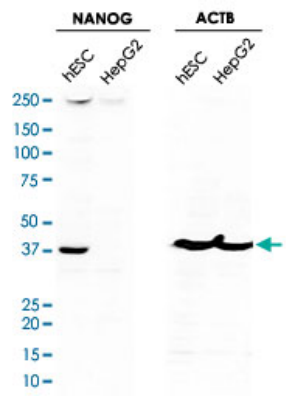
NANOG polyclonal antibody

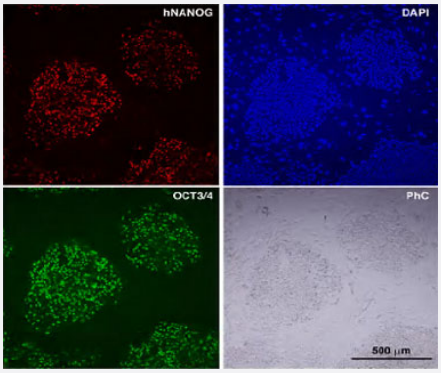
Catalog # PAB13694 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot with NANOG polyclonal antibody (Cat # PAB13694) and ACTB monoclonal antibody. Each lane using 20 ug protein.



Immunofluorescence

Immunofluorescence with NANOG polyclonal antibody (Cat # PAB13694). Human embryonic stem cells, grown on mouse embryonic fibroblasts. Nuclear staining by DAPI.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NANOG.
Immunogen	A synthetic peptide corresponding to human NANOG.
Host	Rabbit
Reactivity	Human
Specificity	Recognizes human Nanog.

Form	Liquid
Recommend Usage	Western Blot (1:2000-1:4000) Immunocytochemistry (1:200) 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 with NANOG polyclonal antibody (Cat # PAB13694) and ACTB monoclonal antibody. Each lane using 20 ug protein.

- Immunocytochemistry

- Immunofluorescence

  Immunofluorescence with NANOG polyclonal antibody (Cat # PAB13694). Human embryonic stem cells, grown on mouse embryonic fibroblasts. Nuclear staining by DAPI.

Gene Info — NANOG

Entrez GeneID	79923
Gene Name	NANOG
Gene Alias	-
Gene Description	Nanog homeobox
Omim ID	607937
Gene Ontology	Hyperlink
Other Designations	homeobox transcription factor Nanog|homeobox transcription factor Nanog-delta 48

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.