

Product datasheet for **TA336515**

NANOG Rabbit Polyclonal Antibody

Product data:

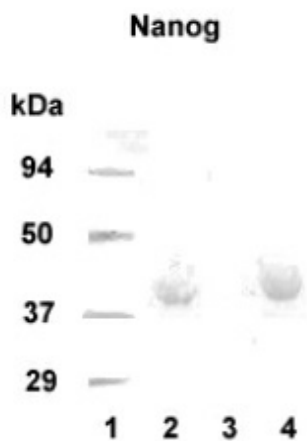
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000-1:2000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide comprising residues 281-296 [TRYFSTPQTMDLFLNY] of the human Nanog protein. Reactivity in other species unknown.
Formulation:	PBS, 0.02% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	Nanog homeobox
Database Link:	NP_079141 Entrez Gene 79923 Human Q9H9S0
Background:	The transcriptional factor Nanog functions in maintaining pluripotency in cooperation with other key genes such as Oct4. Oct4 and Sox2 bind to the Nanog promoter in mouse and human embryonic stem cell. Nanog levels allow stem cells to balance the creation of lineage-committed and undifferentiated cells.
Synonyms:	homeobox transcription factor Nanog; homeobox transcription factor Nanog-delta 48; Nanog homeobox
Note:	Western Blot



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Protein Families: Cancer stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Stem cell - Pluripotency

Product images:



Western Blot: Nanog Antibody TA336515 - Western blot detection of Nanog in 20 ug of human hippocampus tissue lysate (lanes 2 and 4) with Nanog polyclonal at 1:1000 dilution followed by AP-conjugated secondary at 1:5000 dilution. MW marker lane 1. Peptid