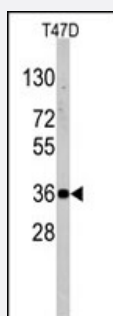


NANOS1 polyclonal antibody

Catalog # PAB2486

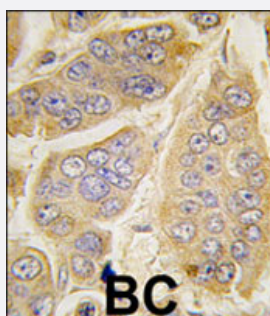
Size 400 uL

Applications



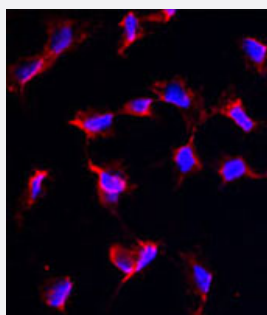
Western Blot (Cell lysate)

Western blot analysis of NANOS1 polyclonal antibody (Cat # PAB2486) in T-47D cell line lysates (35 ug/lane). NANOS1 (arrow) was detected using the purified polyclonal antibody.



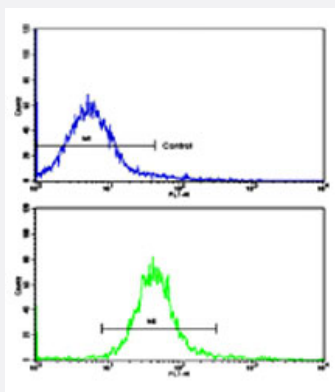
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with NANOS1 polyclonal antibody (Cat # PAB2486), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Immunofluorescence

Immunofluorescence analysis of NANOS1 polyclonal antibody (Cat # PAB2486) in HeLa cells. Primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.



Flow Cytometry

Flow cytometric analysis of HeLa cells using NANOS1 polyclonal antibody (Cat # PAB2486)(bottom histogram) compared to a negative control cell (top histogram).

FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NANOS1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human NANOS1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	Western Blot (1:1000) Immunofluorescence (1:10-50) Immunohistochemistry (1:10-50) Flow cytometry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — NANOS1

Entrez GeneID [340719](#)

Protein Accession# [NP_955631;Q8WY41](#)

Gene Name NANOS1

Gene Alias NOS1

Gene Description nanos homolog 1 (Drosophila)

Omim ID [608226](#)

Gene Ontology [Hyperlink](#)

Other Designations OTTHUMP00000046853|nanos homolog 1

Publication Reference

- [E-cadherin regulates human Nanos1, which interacts with p120ctn and induces tumor cell migration and invasion.](#)

Strumane K, Bonnomet A, Stove C, Vandenbroucke R, Nawrocki-Raby B, Bruyneel E, Mareel M, Birembaut P, Berx G, van Roy F.

Cancer Research 2006 Oct; 66(20):10007.

- [Time-lapse analysis reveals different modes of primordial germ cell migration in the medaka *Oryzias latipes*.](#)

Kurokawa H, Aoki Y, Nakamura S, Ebe Y, Kobayashi D, Tanaka M.

Development, Growth & Differentiation 2006 Apr; 48(3):209.