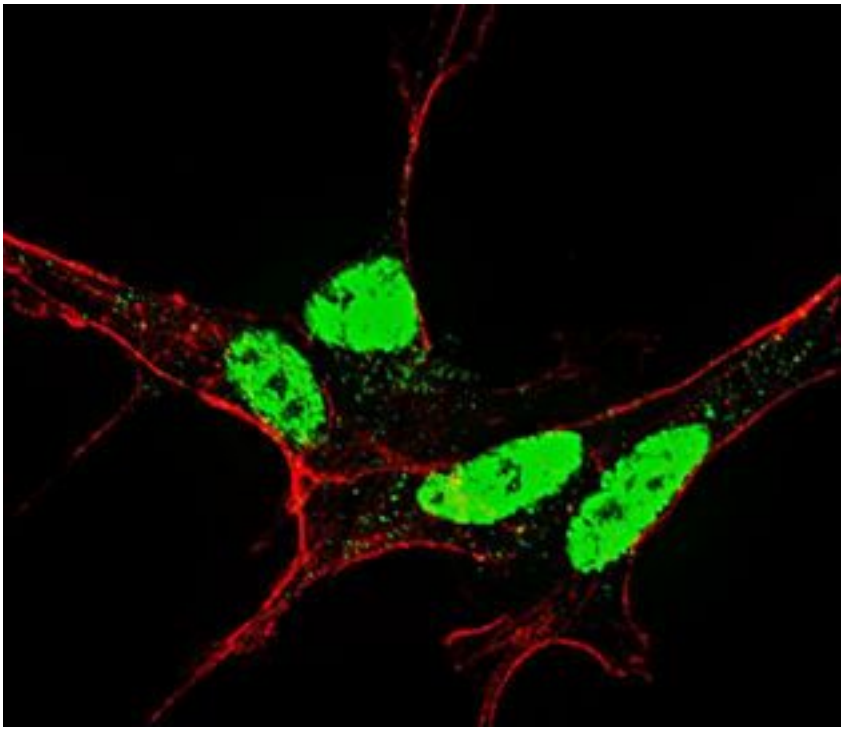
LSBio
LifeSpan BioSciences, Inc.

NANOG Rabbit anti-Human Polyclonal (aa57-86) Antibody - LS-C163646 - LSBio

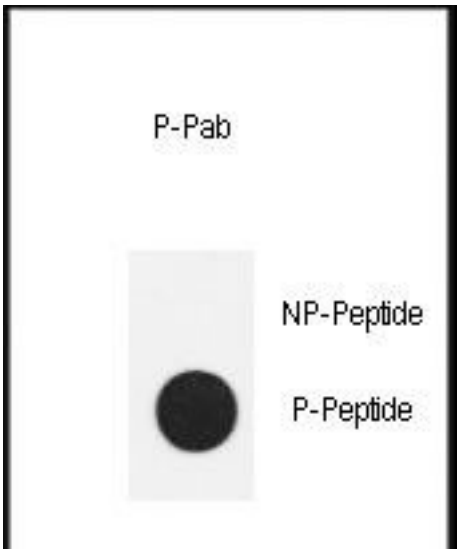
CatalogID:	LS-C163646
Target:	Nanog homeobox
Synonyms:	NANOG Antibody, Nanog homeobox Antibody, NANOGP8 Antibody, HNanog Antibody, Homeobox protein NANOG Antibody
Host	NANOG antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	NANOG antibody was raised against Human
Antigen Type:	Synthetic phospho-peptide
Immunogen:	NANOG antibody was raised against kLH-conjugated synthetic phosphopeptide surrounding S71 of human NANOG.
Specificity:	Human Nanog
Epitope:	aa57-86
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	PBS, 0.09% sodium azide
Recommended Storage:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.
Uses:	ICC, Immunofluorescence (1:10 - 1:50), Dot Blot (1:500) (Optimal dilution to be determined by the researcher)
Size:	400 µl

Immunofluorescence Image:



Fluorescent confocal image of SY5Y cells stained with Phospho-Nanog-S71 antibody. SY5Y cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min), then incubated with Phospho-Nanog-S71 primary antibody (1:500, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (5.25 M, 25 min). Phospho-Nanog immunoreactivity is localized very specifically to the nuclei of the SY5Y cells.

Dot Blot Image:



Dot blot analysis of anti-Phospho-Nanog-S71 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug per ml.

Requested From:	Japan