

Anti-NANOG antibody (1-105) (STJ24680)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

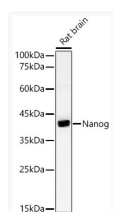
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: 42kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

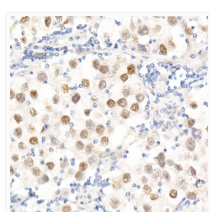
Gene ID	79923
Gene Symbol	NANOG
UniProt ID	NANOG_HUMAN
Immunogen Region	1-105
Immunogen Sequence	MSVDPACQSLPCFEASDCK ESSMPVICGPEENYPQLQM SSAEMPHPTETVSLPSSMDL LIQDSPDSSTSPKQKQPTSA EKSVAKKEDKVPVKKQKTRT VFSST
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-105 of human Nanog (NP_079141.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of Rat brain, using Nanog rabbit polyclonal antibody (STJ24680) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human testicular seminoma using Nanog rabbit polyclonal antibody (STJ24680) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.