

Anti-NANOG antibody (153-305) [S4896RM] (STJ11104896)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

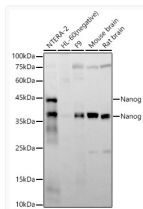
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:5000-1:20000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: 37kDa, 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	153-305
Immunogen Sequence	WQKNNWPKNSNGVTQKASAP TYPSTLYSSYHQGCLVNPTGN LPMWSNQTWNNSTWSNQTQN IQSWSNHSWNTQTWCTQSWN NQAWNSPFYNGGEESLQSCM QFQPNSPASDLEAALEAAGE GLNVIQQTTRYFSTPQTMDL FLNYSMNMQPEDV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 153-305 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 various lysates, using Nanog antibody (STJ11104896) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.