

Anti-GATA3 antibody (1-200) [S0MR] (STJ11101740)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA/ChIP/ChIP-seq
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

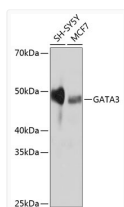
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IP:0.5 Mu g-4 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g ant
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 48kDa Observed Mw: 48kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

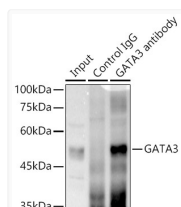
Gene ID	2625
Gene Symbol	GATA3
UniProt ID	GATA3_HUMAN
Immunogen Region	1-200
Immunogen Sequence	MEVTADQPRWVSHHHPAVLN GQHPDTHHPGLSHSYMDAAQ YPLPEEVDVLFNIDGQGNHV PPYYGNSVRATVQRYPPTHH GSQVCRPPLLHGLPWLDDG KALGSHHTASPNLSPFSKT SIHHGSPGPLSVYPPASSSS LSGGHASPHLFTFPPTPKD VSPDPSLSTPGSAGSARQDE KECLKYQVPLPDSMKLESSH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human GATA3 (P23771).

ADDITIONAL INFORMATION

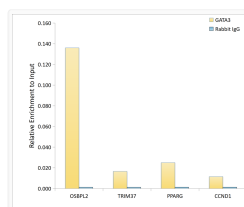
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of various cell lines, using GATA3 antibody (STJ11101740) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunoprecipitation analysis of 300 Mu g extracts of Jurkat cells using 3 Mu g GATA3 antibody (STJ11101740). Western blot was performed from the immunoprecipitate using GATA3 antibody (STJ11101740) at a dilution of 1:500.



Chromatin immunoprecipitation analysis of extracts of MCF7 cells, using GATA3 rabbit monoclonal antibody (STJ11101740) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.