

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

STJ11101740

GENERAL INFORMATION

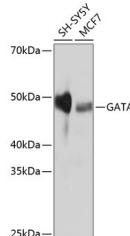
Product Type	Primary antibodies
Short Description	
Applications	WB/IP/ELISA/ChIP/ChIP-seq
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

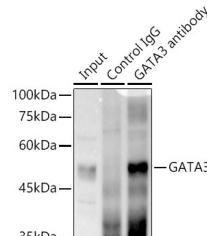
Clonality	Monoclonal
Clone ID	SOMR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:6000
Range	IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the 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
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

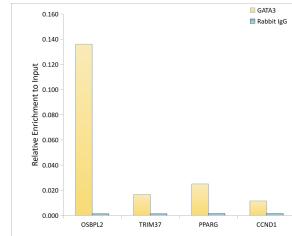
Gene ID	2625
Gene Symbol	GATA3
Uniprot ID	GATA3_HUMAN
Immunogen	
Immunogen	1-200
Region	
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human GATA3 (P23771).
Immunogen	MEVTADQPRWVSHHHPAVLN GQHPDTHHPGLHSYMDAAQ YPLPEEVDFVLFNIDGQGNHV PPYYGNSVRATVQRYPPTHH
Sequence	GSQVCRPPLLHGSLPWLDGG KALGSHHTASPWNLSFPSKT SIHHGSPGPLSVYPASSSS LSGGHASPHLFTFPPTPPKD VSPDPSLSTPGSAGSARQE KECLKYQVPLPDSMKLESSH



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. Lanes: protein loading 50 μg/lane. Blocking buffer: 5% non-fat dry milk in TBS-T. Detection: ECL Basic Kit. Exposure time: 10s.



Immunoprecipitation analysis of 300 Mu g extracts of Jurkat cells using 3 Mu g GATA3 antibody (STJ11101740) and rabbit IgG. Western blot was performed from the immunoprecipitated DNA 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.