

Anti-OGT antibody (947-1046) [S7MR] (STJ11101887)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

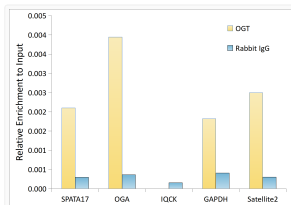
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 10 Mu g-15 Mu g of Chromatin
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 117kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

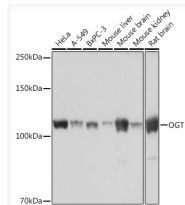
Gene ID	8473
Gene Symbol	OGT
UniProt ID	OGT1_HUMAN
Immunogen Region	947-1046
Immunogen Sequence	PGETLASRVAASQLTCLGCL ELIAKNRQEYEDIAVKLGTD LEYLKKVVRGKVVWQRISPL FNTKQYTMELERLYLQMWEH YAAGNKPDHMIKPEVTESA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 947-1046 of human OGT (O15294).

ADDITIONAL INFORMATION

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



Chromatin immunoprecipitation analysis of extracts of 293T cells, using OGT Rabbit monoclonal antibody (STJ11101887) 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.



Western blot analysis of various lysates using OGT Rabbit monoclonal antibody (STJ11101887) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.