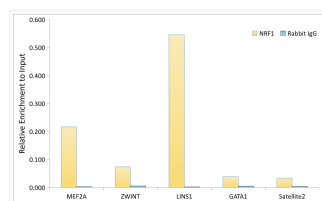
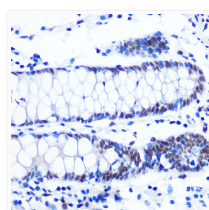


Anti-NRF1 antibody (300-400) [S3MR] (STJ11101843)

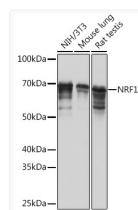
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA/ChIP/CUT&Tag
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 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
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 68kDa
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	4899
Gene Symbol	NRF1
UniProt ID	NRF1_HUMAN
Immunogen Region	300-400
Immunogen Sequence	LVPSQTVVQTFSNPDGTVSL IQVGTGATVATLADASELPT TVTVAQVNYSAVADGEVEQN WATLQGGEMTIQTTQASEAT QAVASLAEAAVAASQEMQQG A
Specificity	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human NRF1 (Q16656).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



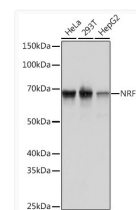
Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using NRF1 antibody (STJ11101843) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



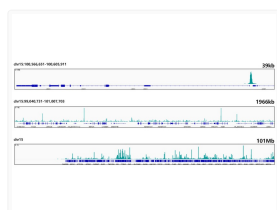
Immunohistochemistry analysis of NRF1 in paraffin-embedded human colon using NRF1 Rabbit monoclonal antibody (STJ11101843) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using NRF1 Rabbit monoclonal antibody (STJ11101843) 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: 5s.



Western blot analysis of various lysates using NRF1 Rabbit monoclonal antibody (STJ11101843) 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: 1s.



CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina (RK20265) from 10⁶ HepG2 cells with 1 Mu g NRF1 Rabbit monoclonal antibody (STJ11101843), along with a Goat Anti-Rabbit IgG (H+L). The CUT&Tag results indicate the enrichment pattern of NRF1 in representative gene loci (LINS1), as shown in figure.