

Anti-STAT4 antibody (569-748) (STJ25719)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

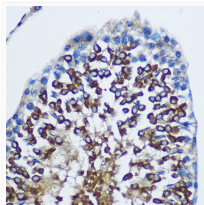
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 86kDa Observed Mw: 93kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

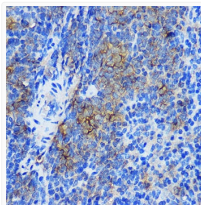
Gene ID	6775
Gene Symbol	STAT4
UniProt ID	STAT4_HUMAN
Immunogen Region	569-748
Immunogen Sequence	WIDGYVMGFVSKERLLK DKMPGTFLRRFSESHLGGIT FTWVDHSESGEVRFHVSPEY NKGRLSALPFADILRDYKVI MAENIPENPLKYLDPDKD KAFGKHYSSQPCEVSRPTER GDKGYVPSVFIPISTIRSDS TEPHSPDLLPMSPSVYAVL RENLSPTTIETAMKSPYSAE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 569-748 of human STAT4 (NP_003142.1).

ADDITIONAL INFORMATION

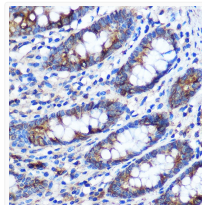
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



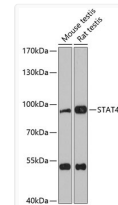
Immunohistochemistry analysis of STAT4 in paraffin-embedded Rat testis using STAT4 Rabbit polyclonal antibody (STJ25719) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of STAT4 in paraffin-embedded Mouse spleen using STAT4 Rabbit polyclonal antibody (STJ25719) 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.



Immunohistochemistry analysis of STAT4 in paraffin-embedded Human colon using STAT4 Rabbit polyclonal antibody (STJ25719) 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 STAT4 Rabbit polyclonal antibody (STJ25719) at 1:3000 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: 90s.