

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

**GENERAL INFORMATION**

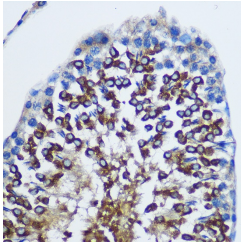
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

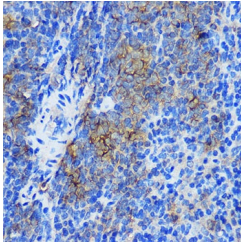
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

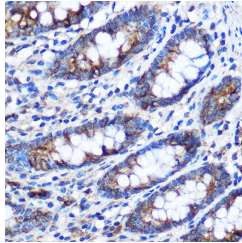
<b>Gene ID</b>	6775
<b>Gene Symbol</b>	STAT4
<b>Uniprot ID</b>	STAT4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	569-748
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 569-748 of human STAT4 (NP_003142.1).
<b>Immunogen Sequence</b>	WIDGYVMGFVSKEKERLLK DKMPGTFLLRFSESLGGIT FTWVDHSESGEVRFHSEVPY NKGRLSALPFADILRDYKVI MAENIPENPLKYLDPDKD KAFGKHYSQPCVSRPTER GDKGYVPSVFIPISTIRSDS TEPHSPDLLPMSPSVYAVL RENLSPTTIETAMKSPYSAE



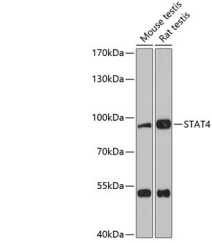
Immunohistochemistry analysis of STAT4 in paraffin-embedded Rat testis using STAT4 Rabbit polyclonal antibody (STJ25719) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



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  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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