

Anti-STAT6 antibody (501-600) (STJ25726)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

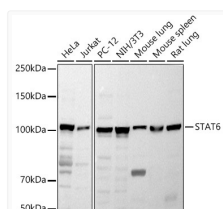
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 94kDa 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

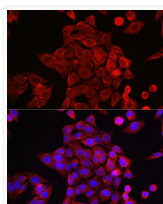
Gene ID	6778
Gene Symbol	STAT6
UniProt ID	STAT6_HUMAN
Immunogen Region	501-600
Immunogen Sequence	QFNKEILLGRGFTFWQWFDG VLDLTKRCLRSYWSDRLLIG FISKQYVTSLLLNEPDGTFLLRFSDSEIGGITIAHVIRGQ DGSPQIENIQPFSAKDLSIR SLGDRIRDLAQLKNLYPKKP KDEAFRSHYKPEQMGKDGRG YVPATIKMTVERDQPLPTPE LQMPTMVPSYDLGMAPDSSM SMLGPDMPVQVYPHSHSI PPYQGLSPEESVNVLSAFQE PHLQMPPSLGQMSLPFDQP
Specificity	A synthetic peptide corresponding to a sequence within amino acids 501-600 of human STAT6 (NP_003144.3).

ADDITIONAL INFORMATION

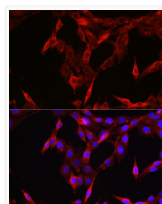
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



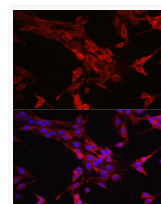
Western blot analysis of extracts of various cell lines, using STAT6 antibody (STJ25726) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



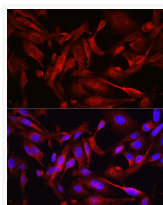
Immunofluorescence analysis of HeLa cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



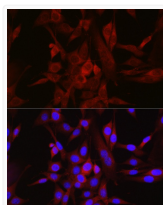
Immunofluorescence analysis of NIH/3T3 cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



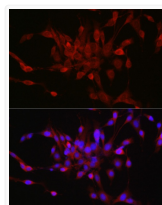
Immunofluorescence analysis of PC-12 cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using STAT6 rabbit polyclonal antibody (STJ25726) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.