

STAT1 Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human STAT1 recombinant protein (Position: S2-A230).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807245

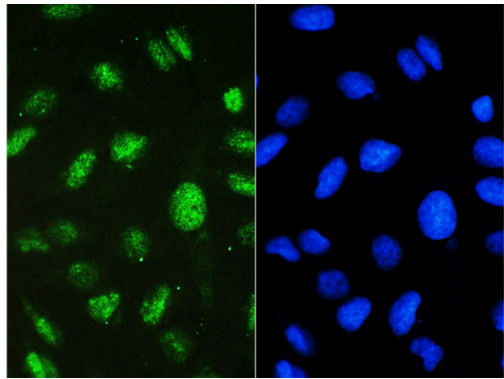
Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10 ⁶ cells	-

Product Specific Information

Human STAT1 shares 91.2% amino acid (aa) sequence identity with mouse STAT1.

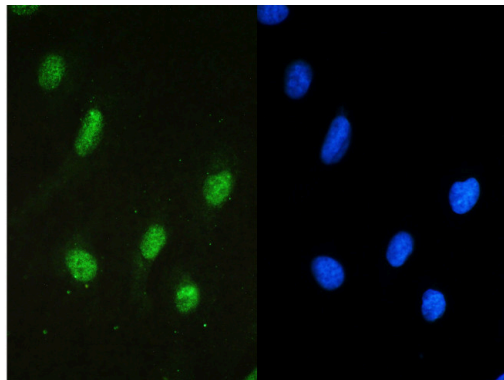
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For STAT1 Polyclonal Antibody



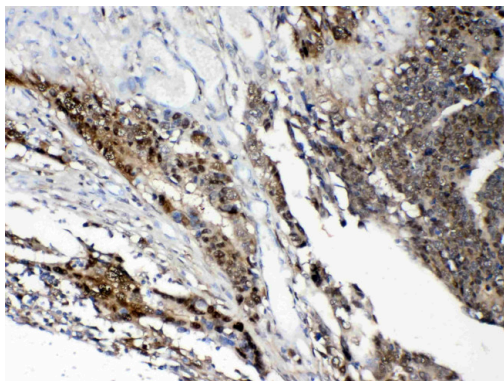
STAT1 Antibody (PA5-95442) in ICC/IF

Immunofluorescence analysis of STAT1 in U2OS cell. Antigen retrieval was performed using IHC enzyme antigen retrieval reagent and blocked with 10% goat serum. Samples were incubated with STAT1 polyclonal antibody (Product # PA5-95442) at a 2 µg/mL dilution, followed by 488 conjugated goat anti-rabbit IgG (30 min, 37°C) using a 1:100 dilution, and DAPI.



STAT1 Antibody (PA5-95442) in ICC/IF

Immunofluorescence analysis of STAT1 in U2OS cell. Antigen retrieval was performed on the tissue using IHC enzyme antigen retrieval reagent and blocked with 10% goat serum. Samples were incubated with STAT1 polyclonal antibody (Product # PA5-95442) at a 2 µg/mL dilution, followed by 488 conjugated goat anti-rabbit IgG using a 1:100 dilution and DAPI.



STAT1 Antibody (PA5-95442) in IHC (P)

Immunohistochemistry analysis of STAT1 in paraffin-embedded human intestinal cancer tissues. Antigen retrieval was performed on the tissue using citrate buffer (pH 6, 20 min) and blocked with 10% goat serum. Samples were incubated with STAT1 polyclonal antibody (Product # PA5-95442) at a 1 µg/mL dilution, followed by biotinylated goat anti-rabbit IgG (30 min, 37°C), and developed with Streptavidin-Biotin-Complex and DAB.

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