

Datasheet for ABIN604780
anti-STAT3 antibody (AA 683-732)



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3 Images

Overview

Quantity:	50 µg
Target:	STAT3
Binding Specificity:	AA 683-732
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Pig, Monkey, Dog, Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa683-732 of human STAT3 (P40763, NP_644805). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum (100%), Galago, Sheep, Guinea pig (93%), Lizard (88%), Xenopus (81%). Type of Immunogen: Synthetic peptide
Specificity:	Human STAT3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig (100%) Sheep, Guinea pig (93%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: STAT3

Alternative Name: STAT3 ([STAT3 Products](#))

Background: Name/Gene ID: STAT3

Synonyms: STAT3, Acute-phase response factor, APRF, DNA-binding protein APRF, HIES

Gene ID: 6774

NCBI Accession: [NP_644805](#)

UniProt: [P40763](#)

Pathways: [JAK-STAT Signaling](#), [RTK Signaling](#), [Interferon-gamma Pathway](#), [Neurotrophin Signaling Pathway](#), [Dopaminergic Neurogenesis](#), [Response to Growth Hormone Stimulus](#), [Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Feeding Behaviour](#), [CXCR4-mediated Signaling Events](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

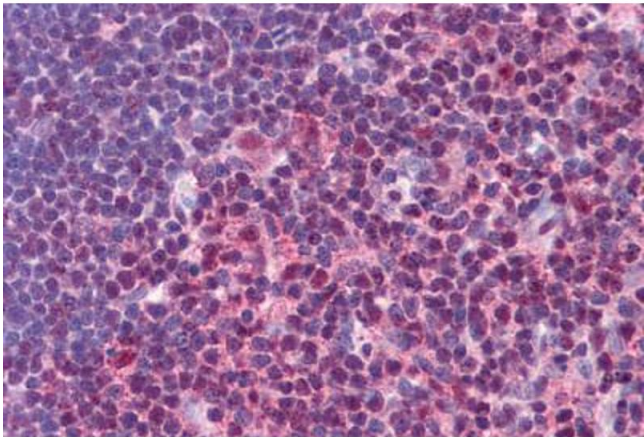
Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Handling

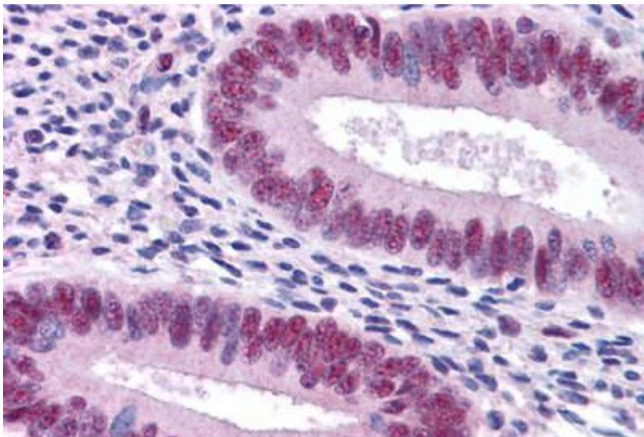
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



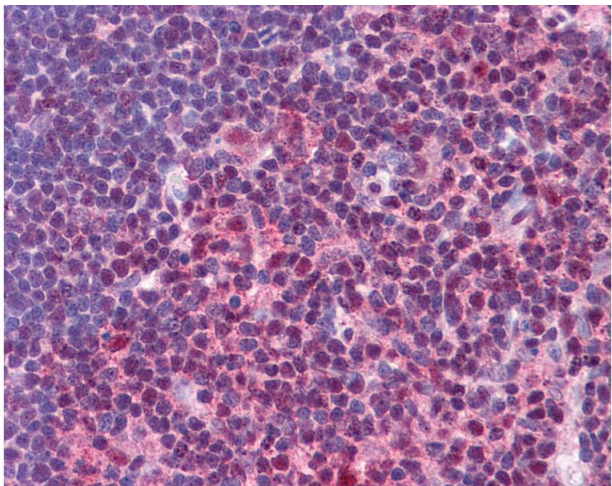
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 3. Anti-STAT3 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...