

# Product Datasheet

## STAT3 Antibody - BSA Free

### NBP2-41208

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP2-41208**

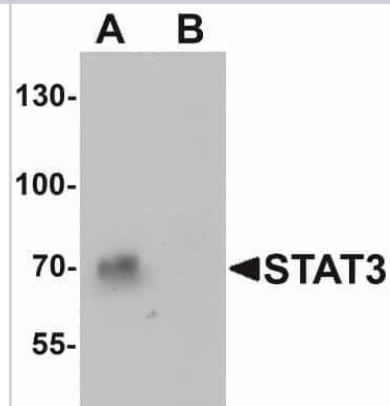
STAT3 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	85 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6774
<b>Gene Symbol</b>	STAT3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Antibody was raised against a 19amino acid peptide near the amino terminus of human STAT3. The immunogen is located within amino acids 170 - 220 of STAT3. Amino Acid Squence: SQGDMQDLNGNNQSVTRQK
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 - 2 ug/ml, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

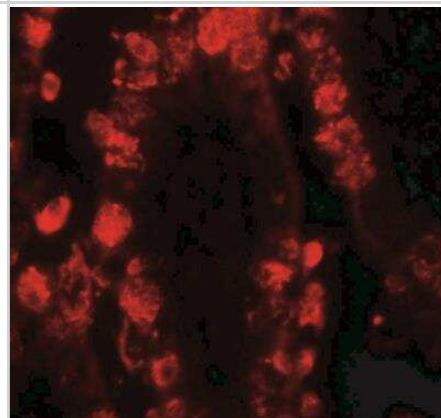


## Images

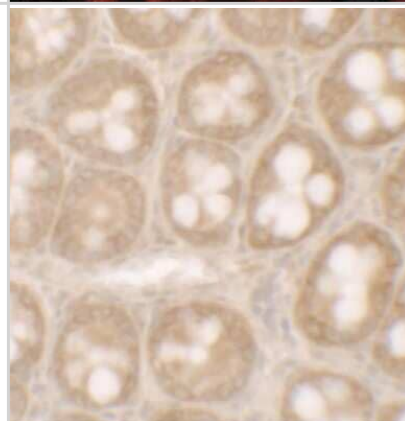
Western Blot: STAT3 Antibody [NBP2-41208] - Western blot analysis of STAT3 in human small intestine tissue lysate with STAT3 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry/Immunofluorescence: STAT3 Antibody [NBP2-41208] - STAT3 in human small intestine tissue with STAT3 antibody at 20 ug/ml.



Immunohistochemistry: STAT3 Antibody [NBP2-41208] - Immunohistochemistry of STAT3 in human small intestine tissue with STAT3 antibody at 5 ug/ml.



## Publications

Lu Z, Fang Z, Guo Y Et al. Cisplatin resistance of NSCLC cells involves upregulation of visfatin through activation of its transcription and stabilization of mRNA *Chemico-biological interactions* 2021-10-14 [PMID: 34656559] (WB, Human)

Zhang J, Dongwei Zhou , Zhang Z et al. miR-let-7a suppresses alpha -Synuclein-induced microglia inflammation through targeting STAT3 in Parkinson's disease *Biochem. Biophys. Res. Commun.* 2019-09-20 [PMID: 31547989] (WB, Mouse)



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### **Products Related to NBP2-41208**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006774-P01-10ug	Recombinant Human STAT3 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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