

Product Datasheet

Stat1 (phospho Tyr701) rabbit pAb Antibody (orb764279)

Catalog Number	orb764279
Category	Antibodies
Description	Rabbit polyclonal antibody to Stat1 (phospho-Tyr701)
Clonality	Polyclonal
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Monkey, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human STAT1 around the phosphorylation site of Tyr701. AA range:668-717
UniProt ID	P42224
MW	87
Tested applications	ELISA, IF, IHC, IP, WB
Dilution range	IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/10000. Not yet tested in other applications.

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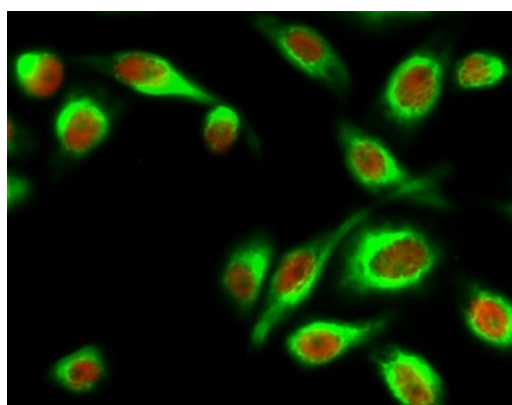
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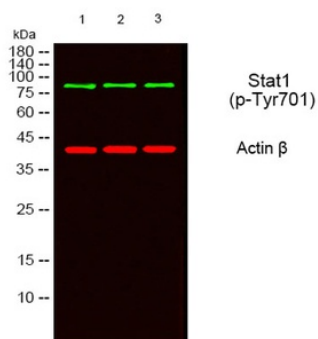
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Source	Rabbit
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunofluorescence analysis of HeLa cell. 1, Stat1 (phospho Tyr701) Polyclonal Antibody (red) was diluted at 1:200 (4°C overnight). HER2 Monoclonal Antibody (11H9) (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).



Western blot analysis of lysates from 1) MOUSE-BRAIN, 2) SY-SY5X, 3) COS7 cells, was diluted at 1:10000, 37° 1hour. antibody was diluted at 1:5000 as loading control, 4°C overnight, secondary antibody was diluted at 1:10000, 37° 1hour.

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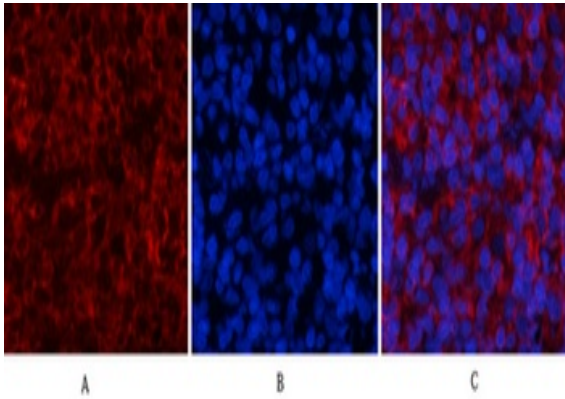
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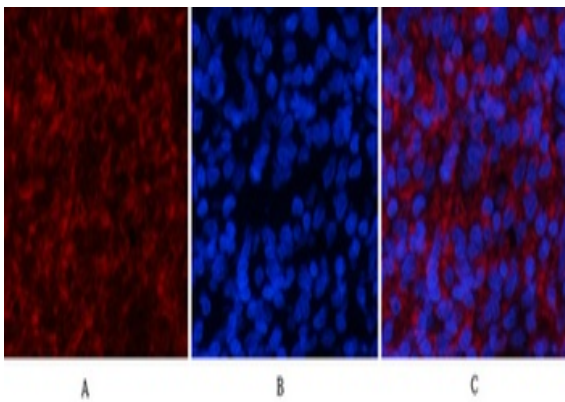
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Immunofluorescence analysis of rat-spleen tissue. 1, Stat1 (phospho Tyr701) Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A + B.



Immunofluorescence analysis of rat-spleen tissue. 1, Stat1 (phospho Tyr701) Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A + B.

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