

Stat3 (phospho Ser727) Polyclonal Antibody

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| Catalog_no : | AP0250 |
| Applications : | IF,WB,IHC-p,IP,ELISA |
| Reactivity : | Human,Mouse,Rat,Monkey |
| Category : | 抗原抗体 |
| Size : | 100µg/50µg/20µg |
| Gene_name : | STAT3 |
| Protein_name : | Signal transducer and activator of transcription 3 |
| Humangene_id : | 6774 |
| Humanswissprot_no : | P40763 |
| Mousegene_id : | 20848 |
| Mouseswissprot_no : | P42227 |
| Ratgene_id : | 25125 |
| Ratswissprot_no : | P52631 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human STAT3 around the phosphorylation site of Ser727. AA range:694-743 |
| Specificity : | Phospho-Stat3 (S727) Polyclonal Antibody detects endogenous levels of Stat3 protein only when phosphorylated at S727. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Rabbit |
| Dilution : | 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. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage_stability : | -20°C/1 year |

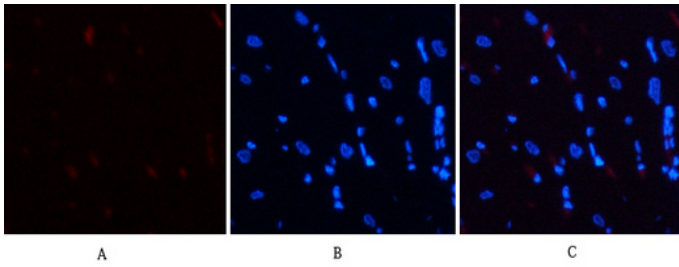


Msd : MSDS_Antibody.pdf

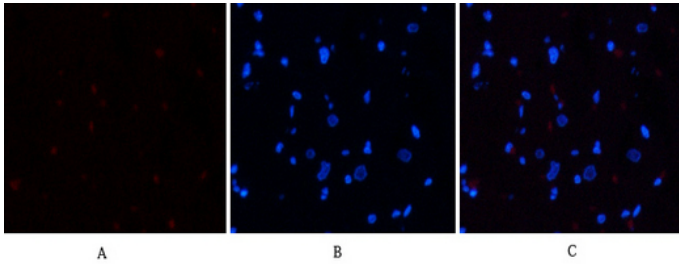
Other_name : STAT3; APRF; Signal transducer and activator of transcription 3; Acute-phase response factor

Molecular Weight : 85KD

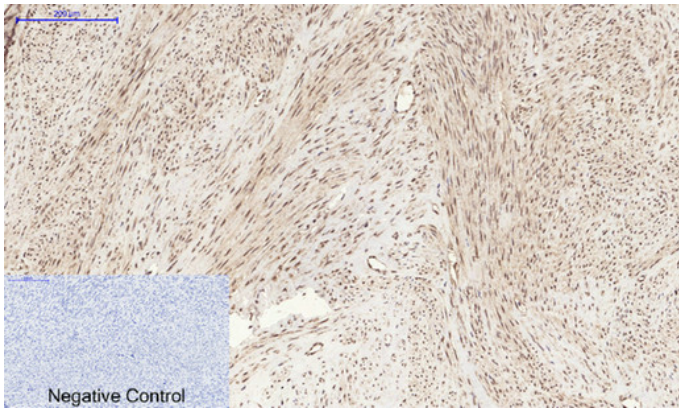
Product Images



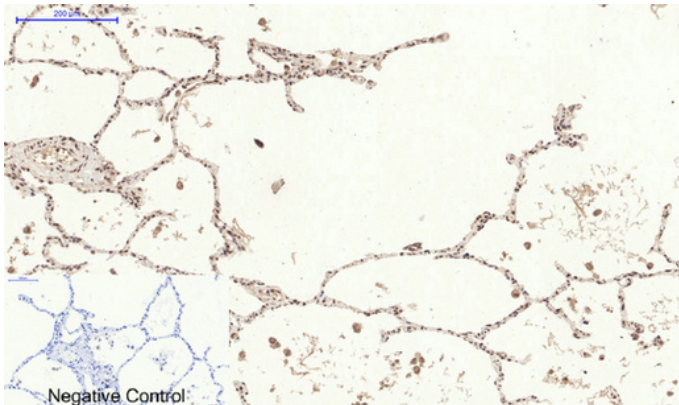
Immunofluorescence analysis of rat-heart tissue. 1,Stat3 (phospho Ser727) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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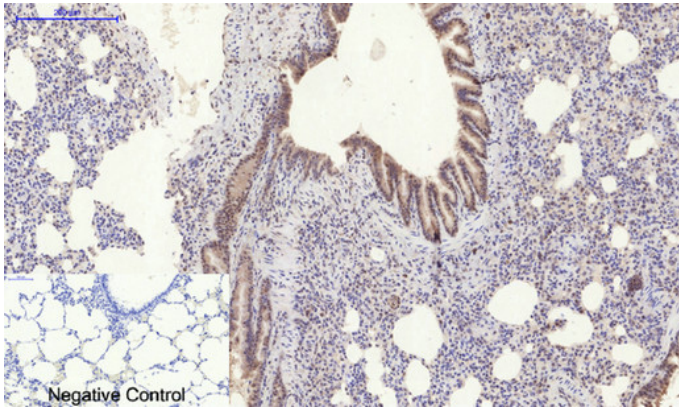


Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

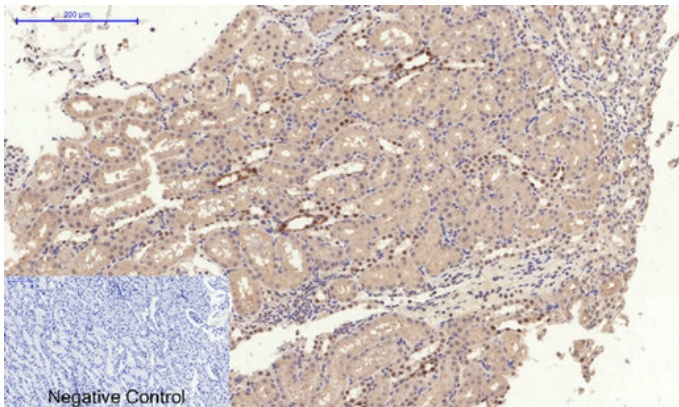


Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

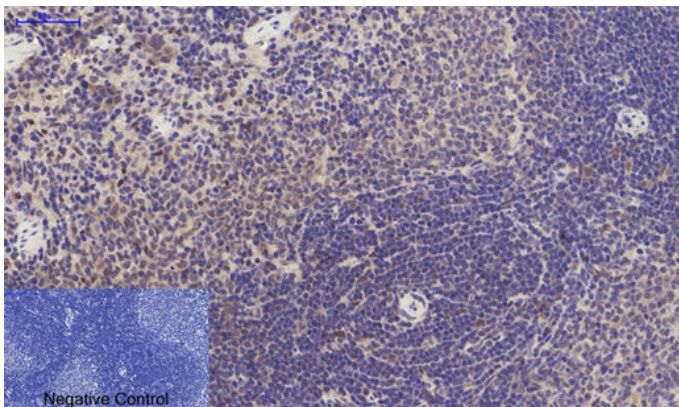
Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



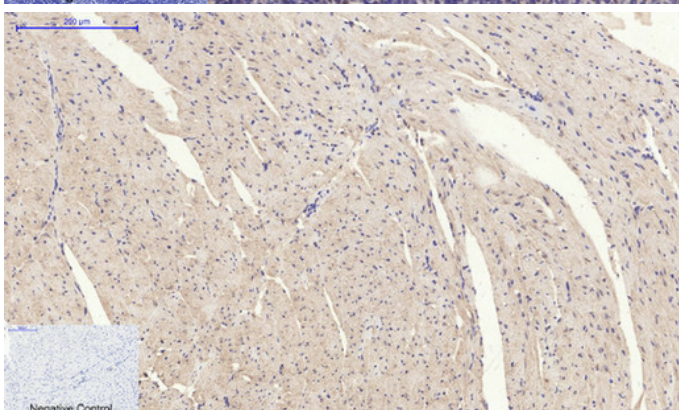
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



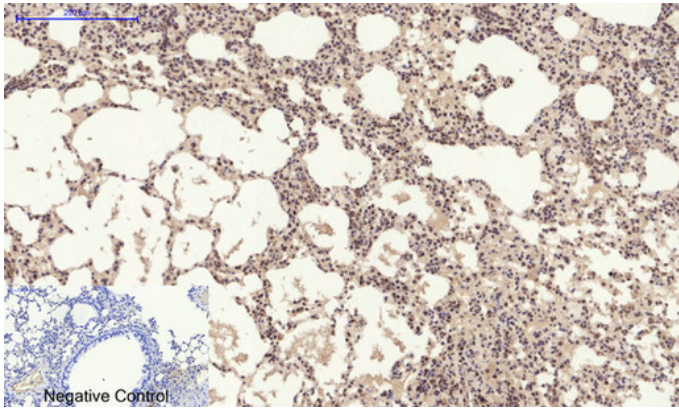
Immunohistochemical analysis of paraffin-embedded Rat-spleen tissue. 1, Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



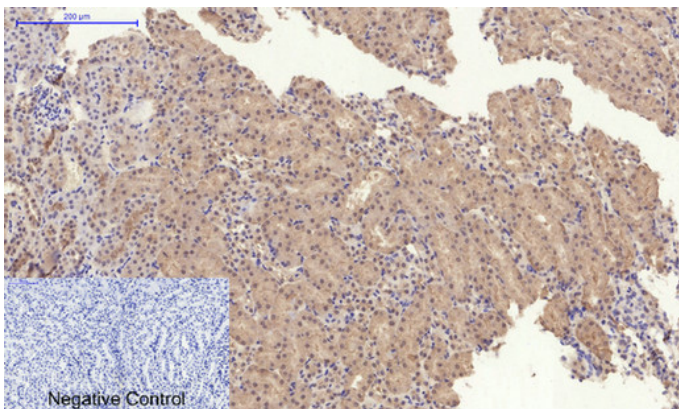
Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1, Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



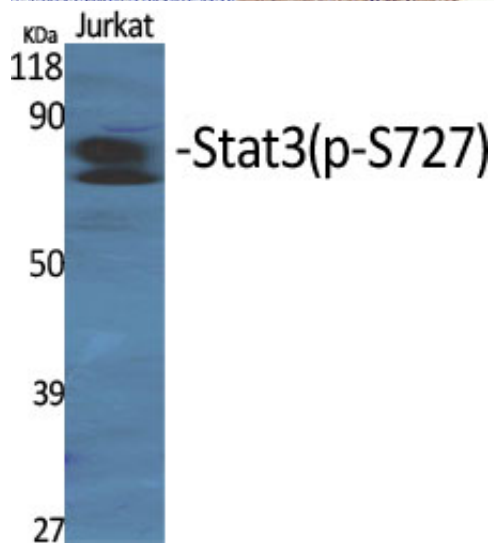
Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1, Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative



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Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1, Stat3 (phospho Ser727) Polyclonal Antibody was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Western Blot analysis of various cells using Phospho-Stat3 (S727) Polyclonal Antibody diluted at 1 : 2000

Western Blot analysis of COS7 cells using Phospho-Stat3 (S727) Polyclonal Antibody diluted at 1 : 2000

