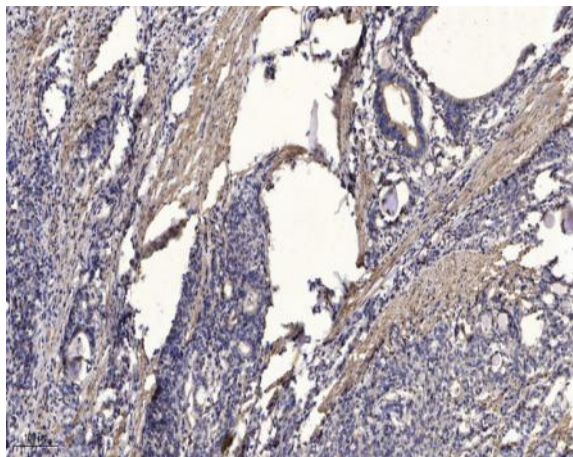


Jak1(Phospho Tyr1034/1035) rabbit pAb

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|------------------------------|--|
| Catalog No : | YP1373 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC |
| Target : | JAK1 |
| Fields : | >>EGFR tyrosine kinase inhibitor resistance;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Osteoclast differentiation;>>Signaling pathways regulating pluripotency of stem cells;>>NOD-like receptor signaling pathway;>>JAK-STAT signaling pathway;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>Leishmaniasis;>>Toxoplasmosis;>>Tuberculosis;>>Hepatitis C;>>Hepatitis B;>>Measles;>>Human cytomegalovirus infection;>>Influenza A;>>Human papillomavirus infection;>>Human T-cell leukemia virus 1 infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Coronavirus disease - COVID-19;>>Pathways in cancer;>>Viral carcinogenesis;>>Pancreatic cancer;>>PD-L1 expression and PD-1 checkpoint pathway in cancer |
| Gene Name : | JAK1 JAK1A JAK1B |
| Protein Name : | Jak1(Tyr1034/1035) |
| Human Gene Id : | 3716 |
| Human Swiss Prot No : | P23458 |
| Mouse Swiss Prot No : | P52332 |
| Immunogen : | Synthesized phosho peptide around human Jak1(Tyr1034 and 1035) |
| Specificity : | This antibody detects endogenous levels of Human Mouse Rat Jak1(phospho-Tyr1034 or 1035) |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |

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|-------------------------------|--|
| Dilution : | WB 1:200-1000;IHC 1:50-300 |
| Purification : | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 132kD |
| Cell Pathway : | Jak_STAT;Pathways in cancer;Pancreatic cancer; |
| Background : | This gene encodes a membrane protein that is a member of a class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain. The encoded kinase phosphorylates STAT proteins (signal transducers and activators of transcription) and plays a key role in interferon-alpha/beta and interferon-gamma signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016], |
| Function : | catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,domain:Possesses two phosphotransferase domains. The second one probably contains the catalytic domain (By similarity), while the presence of slight differences suggest a different role for domain 1.,domain:The FERM domain mediates interaction with JAKMIP1.,function:Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.,sequence caution:Translation N-terminally extended.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.,similarity:Contains 1 FERM domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,subcellular location:Wholly intracellular, possibly membrane associated.,subunit:Interacts with IL31RA, JAKMIP1 and SHB.,tissue specif |
| Subcellular Location : | Endomembrane system; Peripheral membrane protein. Wholly intracellular, possibly membrane associated. |
| Expression : | Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue. |
| Sort : | 8762 |
| No4 : | 1 |

Products Images



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).