



产品详情

JAK1 Rabbit Polyclonal Antibody

产品货号	产品名称	储存条件	保质期
IM54044	JAK1 Rabbit Polyclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM54044
别名	JAK1;JAK1A;JAK1B;Tyrosine-protein kinase JAK1;Janus kinase 1;JAK-1
产品名称	JAK1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	JAK1
蛋白名称	Tyrosine-protein kinase JAK1
推荐应用	IF-P, IF-F, IF-ICC, WB, IP, IHC-P, ELISA
反应种属	Human, Mouse, Rat
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	3716
Human Swissprot No.	P23458
Mouse Swissprot No.	P52332

免疫原	The antiserum was produced against synthesized peptide derived from human JAK1. AA range:988 1037
特异性	JAK1 Polyclonal Antibody detects endogenous levels of JAK1 protein.
稀释度	IF-P/IF-F/IF-ICC 1:50-200, WB 1:200-1:1000, IHC-P 1:100-1:300, ELISA 1:10000. Not yet tested in other applications.
预测分子量	132kDa
运输及保存条件	-20℃/1 year
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	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].
组织表达	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.
细胞定位	Endomembrane system; Peripheral membrane protein. Wholly intracellular, possibly membrane associated.
信号通路	Jak_STAT; Pathways in cancer; Pancreatic cancer.
功能	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)

功能	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-terminallyextended.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 specificity: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.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope specific immunogen.
Clonality	Polyclonal

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电话: 13564444959

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