

Mouse Jak1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14149A

Specification

Mouse Jak1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P52332
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	133367
Antigen Region	120-148

Mouse Jak1 Antibody (N-term) - Additional Information

Other Names

Tyrosine-protein kinase JAK1, Janus kinase 1, JAK-1, Jak1

Target/Specificity

This Mouse Jak1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-148 amino acids from the N-terminal region of mouse Jak1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.

Precautions

Mouse Jak1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Jak1 Antibody (N-term) - Protein Information

Name Jak1

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 as well as interleukin (IL)-10 receptor. Kinase partner for the type I interferon receptor IFNAR2. In response to interferon- binding to IFNAR1-IFNAR2 heterodimer, phosphorylates and activates its binding partner IFNAR2, creating

docking sites for STAT proteins. Directly phosphorylates STAT proteins but also activates STAT signaling through the transactivation of other JAK kinases associated with signaling receptors.

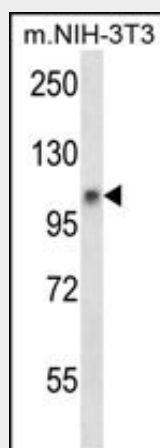
Cellular Location

Endomembrane system; Peripheral membrane protein. Note=Wholly intracellular, possibly membrane associated

Mouse Jak1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Jak1 Antibody (N-term) - Images

Mouse Jak1 Antibody (N-term) (Cat. #AP14149a) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Jak1 antibody detected the Jak1 protein (arrow).

Mouse Jak1 Antibody (N-term) - Background

Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor.