

Nur für Forschungszwecke

STAT5A Polyklonaler Antikörper

Katalog-Nr.: 51074-2-AP



Allgemeine Informationen

Katalog-Nr.: 51074-2-AP	GenBank-Zugangsnummer: BC027036	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 6776	Empfohlene Verdünnungen: WB 1:500-1:2400 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: signal transducer and activator of transcription 5A	
Isotyp: IgG	Berechnete Masse: 794 aa, 92 kDa	
	Beobachtete Masse: 92 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: NIH/3T3-Zellen, HeLa-Zellen, HepG2-Zellen

IHC: humanes Zervixkarzinomgewebe, humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe

Hintergrundinformationen

STAT5A, also named as STAT5, belongs to the transcription factor STAT family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. STAT5A is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different GH. Activation of STAT5A in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of human STAT5A is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of STAT5A in cells. This antibody is specific to STAT5A. It has no cross reaction to STAT5B.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

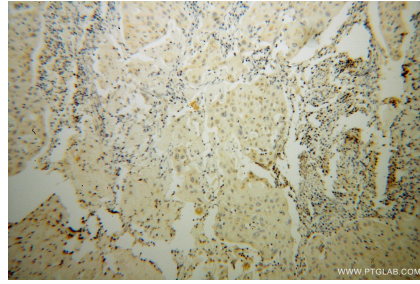
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

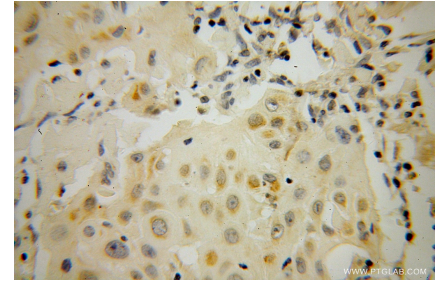
Ausgewählte Validierungsdaten



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 51074-2-AP (STAT5A antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 51074-2-AP (STAT5A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 51074-2-AP (STAT5A antibody) at dilution of 1:100 (under 40x lens).