

Nur für Forschungszwecke

Phospho-STAT1 (Tyr701) Polyklonaler Antikörper

Katalog-Nr.:28979-1-AP



Allgemeine Informationen

Katalog-Nr.:
28979-1-AP

Größe:
100ul, Konzentration: 500 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
BC002704

GeneID (NCBI):
6772

Vollständiger Name:
signal transducer and activator of
transcription 1, 91kDa

Berechnete Masse:
83 kDa

Beobachtete Masse:
84-91 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:6000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

Getestete Reaktivität:

Human

Positivkontrollen:

WB: IFN gamma and LPS treated THP-1 cells,

Hintergrundinformationen

STAT1 (signal transducers and activators of transcription 1) is a member of the STAT protein family. 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. The phosphorylation of STAT1 at Tyr701 promotes the dimerization of STAT1 and its translocation into the nucleus where it binds the GAS promoter to allow the transcription of inflammatory response genes (PMID: 31408005). The transcript of STAT1 undergoes alternative splicing, resulting in two isoforms: STAT1 α (91 kDa) and STAT1 β (84 kDa) (PMID: 20159032).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

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**

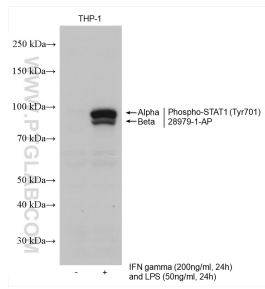
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Non-treated THP-1 cells, IFN gamma and LPS treated THP-1 cells were subjected to SDS PAGE followed by western blot with 28979-1-AP (Phospho-STAT1 (Tyr701) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.