

Nur für Forschungszwecke

# FOXP1 Polyklonaler Antikörper

Katalog-Nr.: 22051-1-AP

1 Publikationen



## Allgemeine Informationen

**Katalog-Nr.:**

22051-1-AP

**Größe:**

150ul, Konzentration: 800 µg/ml von Nanodrop und 547 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Kaninchen

**Isotyp:**

IgG

**Immunogen Katalognummer:**

AG17045

**GenBank-Zugangsnummer:**

BC131720

**GeneID (NCBI):**

27086

**Vollständiger Name:**

forkhead box P1

**Berechnete Masse:**

677 aa, 75 kDa

**Beobachtete Masse:**

50 kDa, 60-65 kDa, 85 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:2000

## Anwendungen

**Geprüfte Anwendungen:**

FC, WB, ELISA

**In Publikationen genannte Anwendungen:**

WB

**Getestete Reaktivität:**

Human, Maus, Ratte

**Zitierte Arten:**

Human

**Positivkontrollen:**

**WB:** Jurkat-Zellen, A549-Zellen, LNCaP-Zellen, Mausherzgewebe, Maushodengewebe, Mauslungengewebe, MCF-7-Zellen, MDA-MB-453s-Zellen, PC-3-Zellen, Raji-Zellen, Y79-Zellen

## Hintergrundinformationen

FOXP1, also known as Mac-1-regulated forkhead, is a 677 amino acid protein, which forms homodimers and heterodimers with FOXP2 and FOXP4 (PubMed:25027557). Dimerization is required for DNA-binding. FOXP1 has an important function in neuronal development. Mutations of its gene, FOXP1, located on chromosome 3p14.1, can result in the development of autism spectrum disorder, intellectual disability, speech and language deficits as well as motor development delay. FOXP1 is also engaged in lung and esophagus morphogenesis, as well as in B-cell development. The widely researched role of FOXP1 in carcinogenesis is of great importance, although still unclear to some extent. FOXP1 exists some isoforms with MV 75-77 kDa, 65-67 kDa, 12 kDa.

## Bemerkenswerte Veröffentlichungen

**Verfasser**

Liangyi Cui

**Pubmed ID**

33372387

**Journal**

J Cell Mol Med

**Anwendung**

WB

## 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**

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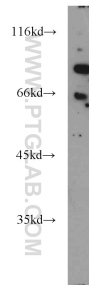
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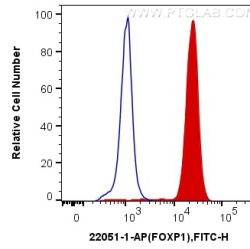
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## Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 22051-1-AP (FOXP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.4  $\mu\text{g}$  Anti-Human FOXP1 (22051-1-AP) and CoraLite<sup>®</sup>594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu\text{g}$  x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).