

Nur für Forschungszwecke

ZBTB7B Polyklonaler Antikörper

Katalog-Nr.: 11341-1-AP

2 Publikationen



Allgemeine Informationen

Katalog-Nr.:
11341-1-AP

Größe:
150ul, Konzentration: 800 µg/ml von
Nanodrop und 367 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1888

GenBank-Zugangsnummer:
BC012070

GeneID (NCBI):
51043

Vollständiger Name:
zinc finger and BTB domain
containing 7B

Berechnete Masse:
539 aa, 58 kDa

Beobachtete Masse:
60-65 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Human

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen

IP: Maushautgewebe,

IF: HeLa-Zellen, MCF-7-Zellen

Hintergrundinformationen

ZBTB7B belongs to a large family of transcription factors, generally acting as repressors, characterized by a carboxy-terminal DNA binding domain made of multiple zinc fingers (four in Thpok) and an amino-terminal BTB-POZ domain that mediates homo- (and possibly hetero-) dimerization [PMID: 17084908]. Zbtb7b is up-regulated by MHC-II-restricted thymocytes during their CD4 differentiation and is a major determinant of CD4 lineage choice. Two properties of ZBTB7B deserve attention. First, although Thpok is expressed in a wide variety of cells, its expression in the thymus is highly lineage-specific: CD4 SP thymocytes (and all CD4 T cells) express Thpok, whereas DP and CD8 SP thymocytes do not. Second, both loss- and gain-of-function experiments indicate that Thpok affects lineage choice but not positive selection [PMID: 15729333, 10550051].

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jian Sun	34700042	Acta Biomater	WB
Hao-Ming Xu	35761286	J Transl Med	WB, IHC

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

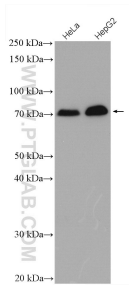
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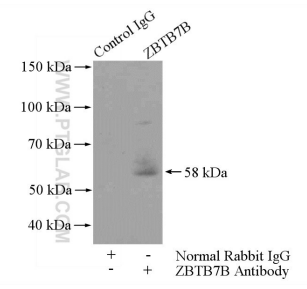
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 11341-1-AP (ZBTB7B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using ZBTB7B antibody 11341-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-ZBTB7B (IP:11341-1-AP, 4ug; Detection:11341-1-AP 1:300) with mouse skin tissue lysate 3200ug.