

Allgemeine Informationen

Katalog-Nr.:

24665-1-AP

Größe:

150ul, Konzentration: 650 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG20301

GenBank-Zugangsnummer:

BC013573

GeneID (NCBI):

3104

Vollständiger Name:

zinc finger and BTB domain containing 48

Berechnete Masse:

688 aa, 77 kDa

Beobachtete Masse:

77 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Positivkontrollen:

WB : HEK-293-Zellen, K-562-Zellen

Hintergrundinformationen

ZBTB48, also named as TZAP and HKR3, is a 688 amino acid protein, which contains 1 BTB (POZ) domain and 11 C2H2-type zinc fingers and belongs to the krueppel C2H2-type zinc-finger protein family. ZBTB48 is detected in adrenal gland and neuroblastoma. ZBTB48 binds to and regulates the J and/or S elements in MHC II promoter. Zinc finger and BTB domain containing 48 (ZBTB48), also known as telomeric zinc-finger associated protein (TZAP), is a protein that triggers the trimming of telomeres in the absence of shelterin. ZBTB48, is a relatively uncharacterized POK family protein with a POZ-domain and 11 zinc finger domains. ZBTB48, is ubiquitously expressed in human tissues. The ZBTB48 gene is mapped to human chromosome 1p36, which is commonly rearranged (leiomyoma and leukemias) or deleted in various cancers (neuroblastoma, melanoma, Merkel cell carcinomas, pheochromocytoma and breast and colon carcinomas). A correlation between deletions or rearrangements of HKR3 and human cancer suggest a role for ZBTB48 as a potential tumor suppressor.

Bemerkenswerte Veröffentlichungen

Verfasser

Eun Young Yu

Pubmed ID

34799676

Journal

Commun Biol

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**

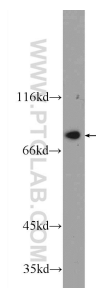
For technical support and original validation data for this product please contact:

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

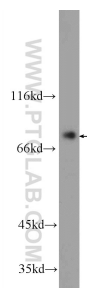
E: proteintech@ptglab.comW: ptglab.com

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

Ausgewählte Validierungsdaten



K-562 cells were subjected to SDS PAGE followed by western blot with 24665-1-AP (ZBTB48 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 24665-1-AP (ZBTB48 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.