

Allgemeine Informationen

Katalog-Nr.:

55013-1-AP

Größe:

150ul , Konzentration: 353 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_005360

GeneID (NCBI):

4094

Vollständiger Name:

v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)

Berechnete Masse:

42 kDa

Beobachtete Masse:

48-50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

 WB 1:500-1:1000
 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
 IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : A431-Zellen, Multizellen/-gewebe

IP : A431-Zellen,

IF : A431-Zellen,

Hintergrundinformationen

MAF, also named as c-Maf, belongs to the bZIP family and Maf subfamily. MAF acts as a transcriptional activator or repressor. It is involved in embryonic lens fiber cell development. MAF increases T cell susceptibility to apoptosis by interacting with MYB and decreasing BCL2 expression. Together with PAX6, it transactivates strongly the glucagon gene promoter through the G1 element. MAF activates transcription of the CD13 proximal promoter in endothelial cells. It is involved in the initial chondrocyte terminal differentiation and the disappearance of hypertrophic chondrocytes during endochondral bone development. When overexpressed, MAF represses anti-oxidant response element (ARE)-mediated transcription. It is involved either as an oncogene or as a tumor suppressor, depending on the cell context. A chromosomal aberration involving MAF is found in some forms of multiple myeloma (MM). Defects in MAF are the cause of cataract pulverulent juvenile-onset MAF-related (CAPJOM). Defects in MAF are the cause of cataract congenital cerulean type 4 (CCA4). The antibody is specific to MAF. And it could recognise the 50 kDa band that also be detected in the paper (PMID: 25770584).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yujia Xu	32999280	Cell Death Dis	WB,IP
Teresa W-M Fan	36150727	J Immunol	
Pauline Pfänder	34502552	Int J Mol Sci	WB

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

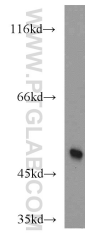
***** 20ul-Größen enthalten 0.1% BSA**

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

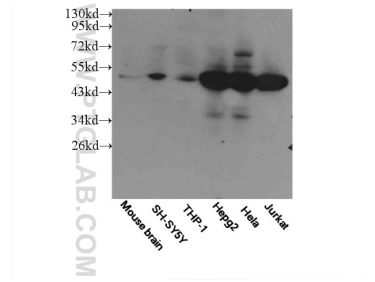
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

 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.

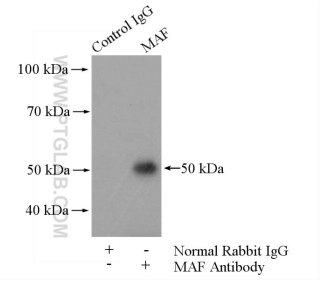
Ausgewählte Validierungsdaten



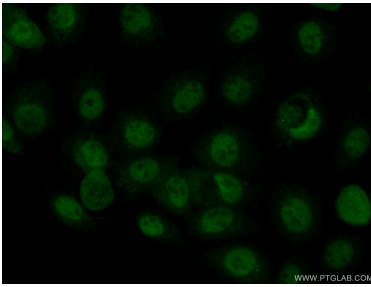
A431 cells were subjected to SDS PAGE followed by western blot with 55013-1-AP (MAF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



WB result of 55013-1-AP.



IP Result of anti-MAF (IP:55013-1-AP, 4ug; Detection:55013-1-AP 1:500) with A431 cells lysate 2000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed A431 cells using 55013-1-AP (MAF antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).