

Nur für Forschungszwecke

ATF5 Monoklonaler Antikörper

Katalog-Nr.: 67066-1-Ig **2 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 67066-1-Ig	GenBank-Zugangsnummer: BC005174	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2300 µg/ml von 22809 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 22809	CloneNo.: 1E5B6
Wirt: Maus	Vollständiger Name: activating transcription factor 5	Empfohlene Verdünnungen: WB 1:1000-1:6000
Isotyp: IgG2b	Berechnete Masse: 31 kDa	
Immunogen Katalognummer: AG7214	Beobachtete Masse: 30-35 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, SH-SY5Y-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

ATF5, also named as Activating transcription factor 5, is a 282 amino acid protein, which belongs to the bZIP family. ATF5 is widely expressed with higher expression levels in liver. ATF5 is actively transported to the centrosome and accumulated in the pericentriolar material (PCM) during G1 to M phase via a microtubule-dependent mechanism. During late telophase and cytokinesis, it translocates from the centrosome to the midbody (PMID: 26213385). ATF5 as a transcription factor that either stimulates or represses gene transcription through binding of different DNA regulatory elements such as cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), ATF5-specific response element (ARE) (consensus: 5'-C[CT]TCT[CT]CCTT[AT]-3') but also the amino acid response element (AARE), present in many viral and cellular promoters. Critically ATF5 is involved, often in a cell type-dependent manner, in cell survival, proliferation, and differentiation (PubMed:10373550, PubMed:15358120, PubMed:21212266, PubMed:20654631).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kosei Yamashita	36217717	FEBS Open Bio	WB
Meiyu Cheng	35163244	Int J Mol Sci	WB

Lagerung

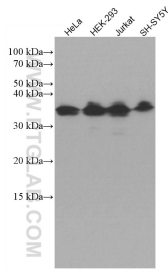
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 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.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



Various lysates were subjected to SDS PAGE followed by western blot with 67066-1-Ig (ATF5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.