

Allgemeine Informationen

Katalog-Nr.: 15260-1-AP	GenBank-Zugangsnummer: BC005174	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 22809	Empfohlene Verdünnungen: WB 1:200-1:1000
Wirt: Kaninchen	Vollständiger Name: activating transcription factor 5	
Isotyp: IgG	Berechnete Masse: 31 kDa	
Immunogen Katalognummer: AG7214	Beobachtete Masse: 27-30 kDa	

Anwendungen

Geprüfte Anwendungen: WB,ELISA	Positivkontrollen: WB : BxPC-3-Zellen, A549-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: 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
Xu Xu	29698569	Hepatology	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.

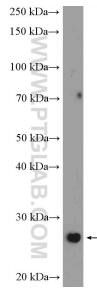
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 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)
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 W: ptglab.com

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Ausgewählte Validierungsdaten



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 15260-1-AP (ATF5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.