

Nur für Forschungszwecke

# SIX4 Polyklonaler Antikörper

Katalog-Nr.: 21305-1-AP

2 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 21305-1-AP	<b>GenBank-Zugangsnummer:</b> BC098282	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 450 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 51804	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> SIX homeobox 4	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 781 aa, 83 kDa	
<b>Immunogen Katalognummer:</b> AG15918	<b>Beobachtete Masse:</b> 98 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB : HEK-293T-Zellen, HeLa-Zellen
<b>In Publikationen genannte Anwendungen:</b> IF, WB	IF : HeLa-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	

## Hintergrundinformationen

The Six (sine oculis) proteins are a family of homeodomain transcription factors that share a conserved DNA-binding domain and are human homologs of the Drosophila sine oculis (so) protein. SIX homeobox 4 (SIX4), also known as AREC3, belongs to the Six family. Six4 contains one Six domain (which functions as a homeobox DNA-binding motif) and shares 90% sequence similarity with its mouse counterpart, suggesting that both proteins have similar DNA-binding properties. SIX4 is thought to be involved in neurogenesis, myogenesis, and development of other organs, based on its specific expression in certain neuronal cells of the developing embryo and in adult skeletal muscles.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Beverly A Karpinski	26988119	Dev Biol	IF
Xuedan Sun	32149459	EMBO Rep	WB

## Lagerung

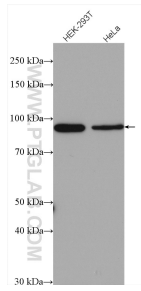
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

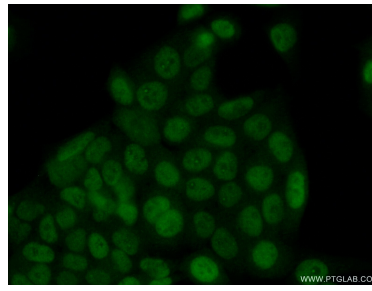
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E: proteintech@ptglab.com  
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 21305-1-AP (SIX4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 21305-1-AP (SIX4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).