

Allgemeine Informationen

Katalog-Nr.:
10709-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von
Nanodrop und 307 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1044

GenBank-Zugangsnummer:
BC008874

GeneID (NCBI):
6495

Vollständiger Name:
SIX homeobox 1

Berechnete Masse:
32 kDa

Beobachtete Masse:
32-35 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 ug für IP und 1:500-1:2000
für WB

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : A2780-Zellen, HEK-293-Zellen, HepG2-Zellen,
L02-Zellen, PC-3-Zellen, SKOV-3-Zellen

IP : HEK-293-Zellen,

IF : Epithelkarzinomzellen,

Hintergrundinformationen

SIX1 belongs to SIX family that contains a divergent DNA-binding homeodomain and an upstream SIX domain, which may participate both in determining DNA-binding specificity and in mediating protein-protein interactions. It may be involved in limb tendon and ligament development, and specifically expressed in skeletal muscle. SIX1 plays a essential role in the development of numerous organs and shows little to no expression in most non-neoplastic adult tissue, yet is overexpression in a number of meoplasms where it increases cell proliferation and survival. The calculated molecular weight of SIX1 is 32kDa, but modified SIX1 is about 35 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhaoming Li	30231237	Cell Physiol Biochem	WB
I Adrados	26500063	Oncogene	IF
Krithika Ramachandran	31589602	PLoS Biol	

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)

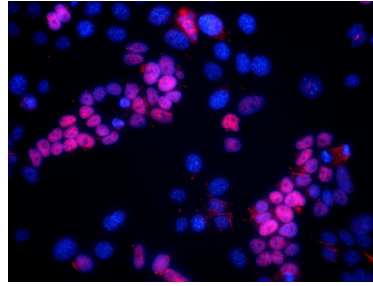
E: proteintech@ptglab.com
W: ptglab.com

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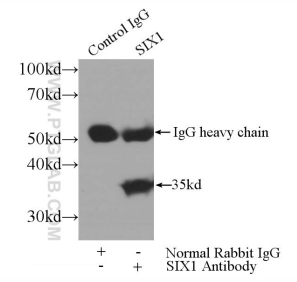
Ausgewählte Validierungsdaten



A2780 cells were subjected to SDS PAGE followed by western blot with 10709-1-AP (SIX1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IF result of anti-SIX1 (1:50) in p53-/- mammary epithelial tumor cells. Blue: hoechst nuclear stain, Red: SIX1 stain the mesenchymal cell which have undergone EMT.



IP Result of anti-SIX1 (IP:10709-1-AP, 3ug; Detection:10709-1-AP 1:1000) with HEK-293 cells lysate 2560ug.