


Product datasheet

Anti-SOX6 antibody ab125196

[1 References](#) [2 Images](#)

Overview

Product name	Anti-SOX6 antibody
Description	Rabbit polyclonal to SOX6
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 778-828 of Human SOX6 (EAW68458.1).
Positive control	293T, HeLa and Jurkat whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8.
Purity	Immunogen affinity purified
Purification notes	ab125196 was affinity purified using an epitope specific to SOX6 immobilized on a solid support.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab125196 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 92 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Function

Transcriptional activator. Binds specifically to the DNA sequence 5'-AACAAAT-3'. Plays a key role in several developmental processes, including neurogenesis and skeleton formation.

Tissue specificity

Expressed in a wide variety of tissues, most abundantly in skeletal muscle.

Sequence similarities

Contains 1 HMG box DNA-binding domain.

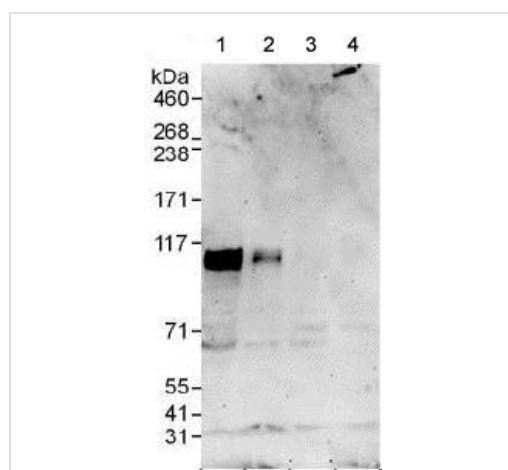
Post-translational modifications

Sumoylation inhibits the transcriptional activity.

Cellular localization

Nucleus.

Images



Western blot - Anti-SOX6 antibody (ab125196)

All lanes : Anti-SOX6 antibody (ab125196) at 0.4 µg/ml

Lane 1 : 293T whole cell lysate at 50 µg

Lane 2 : 293T whole cell lysate at 15 µg

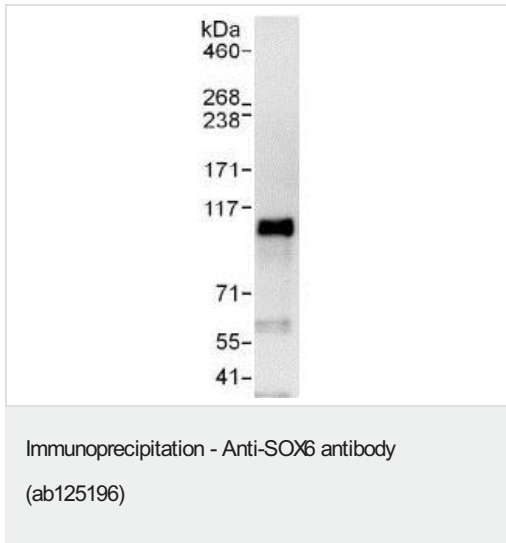
Lane 3 : HeLa whole cell lysate at 50 µg

Lane 4 : Jurkat whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 92 kDa

Exposure time: 3 minutes



Detection of SOX6 by Western Blot of Immunoprecipitate.
ab125196 at 1µg/ml staining SOX6 in HeLa whole cell lysate
immunoprecipitated using ab125196 at 6µg/mg lysate (1 mg/IP;
20% of IP loaded/lane).
Detection: Chemiluminescence with exposure time of 10 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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