# Anti-SOX6 antibody ab125196

## 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.

## Properties

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**Storage buffer**  
Preservative: 0.09% Sodium azide  
Constituent: 99% Tris citrate/phosphate  
Purity: 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

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.
Function: Transcriptional activator. Binds specifically to the DNA sequence 5’-AACAAT-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:

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.

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