

Anti-SOX6 antibody [155C5a] ab84880

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

Overview

| | |
|----------------------------|---|
| Product name | Anti-SOX6 antibody [155C5a] |
| Description | Mouse monoclonal [155C5a] to SOX6 |
| Host species | Mouse |
| Tested applications | Suitable for: ICC/IF, WB |
| Species reactivity | Reacts with: Human, Recombinant fragment |
| Immunogen | Recombinant fragment (Human) from the C-terminal end (Accession number: NM_033326) |
| Positive control | HeLa cells |
| 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 repeated freeze / thaw cycles. |
| Storage buffer | <p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p> |
| Purity | Protein G purified |
| Purification notes | Purified culture supernatant of hybridoma cultured in a medium containing bovine IgG depleted (approximately 95%) fetal bovine serum. Sterile filtered through a 0.22 µm membrane. |
| Clonality | Monoclonal |
| Clone number | 155C5a |
| Isotype | IgG1 |

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab84880 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 |
|-------------|-----------|--|
| ICC/IF | | Use at an assay dependent concentration. |
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 93 kDa. |

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

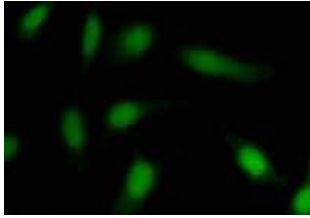


Anti-SOX6 antibody [155C5a] (ab84880) + immunizing recombinant protein

Predicted band size: 93 kDa

Observed band size: 38 kDa

The observed band size may not correspond to the predicted molecular weight as the recombinant immunogen was used for the test lane.



Immunostaining analysis in HeLa cells using ab84880. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X 100 in PBS.

Immunocytochemistry/ Immunofluorescence - Anti-SOX6 antibody [155C5a] (ab84880)

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

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