

Product datasheet

Anti-SOX6 antibody [155C5a] ab84880

[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, Dot blot
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment (Human) from the C-terminal end (Accession number: NM_033326)
Positive control	HeLa cells

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
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

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.

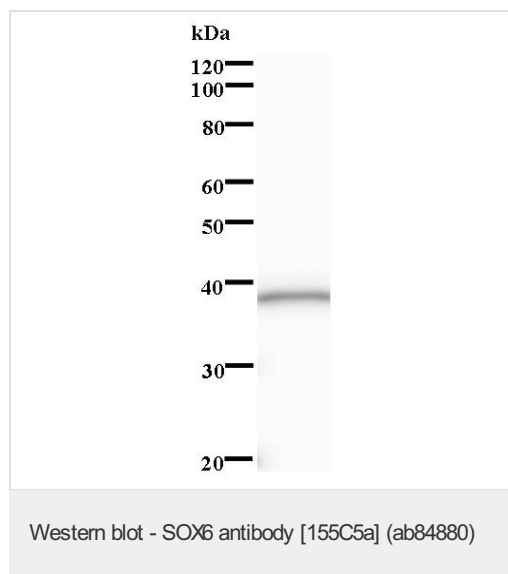
Application	Abreviews	Notes
ICC/IF		Use at an assay dependent dilution.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Predicted molecular weight: 93 kDa.
Dot blot		Use at an assay dependent dilution.

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.

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