



Anti-SOX4 antibody [SOX4/2540] α b236557

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Overview

Product name	Anti-SOX4 antibody [SOX4/2540]
Description	Mouse monoclonal [SOX4/2540] to SOX4
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human SOX4 aa 1 to the C-terminus. Database link: Q06945
	 Run BLAST with  Run BLAST with
Positive control	IHC-P: Human colon carcinoma and breast carcinoma tissues.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	SOX4/2540
Isotype	IgG2b

Light chain type

kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab236557 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
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Incubate with primary antibody for 30 minutes at RT.

Target

Function

Transcriptional activator that binds with high affinity to the T-cell enhancer motif 5'-AACAAAG-3' motif.

Tissue specificity

Testis, brain, and heart.

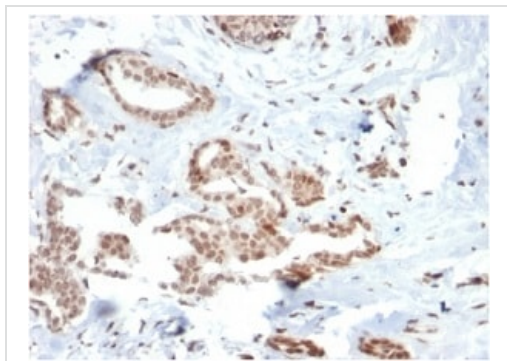
Sequence similarities

Contains 1 HMG box DNA-binding domain.

Cellular localization

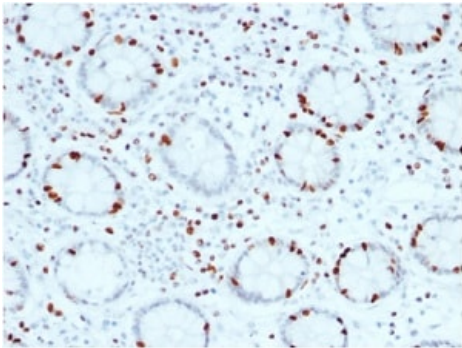
Nucleus.

Images



Formalin-fixed, paraffin-embedded human breast carcinoma tissue stained for SOX4 using ab236557 at 2 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOX4 antibody
[SOX4/2540] (ab236557)



Formalin-fixed, paraffin-embedded human colon carcinoma tissue stained for SOX4 using ab236557 at 2 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOX4 antibody
[SOX4/2540] (ab236557)

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

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