ANTIBODIES ONLINE

Datasheet for ABIN1392226

# anti-SOX6 antibody (AA 1-100) (AbBy Fluor® 488)

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | SOX6 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SOX6 antibody is conjugated to AbBy Fluor® 488 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human SOX6 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Sheep,Pig,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

| | |
|---|---|
| Target: | SOX6 |
| Alternative Name: | SOX6 (SOX6 Products) |

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## Target Details

| | |
|---|---|
| Background: | Synonyms: HSSOX 6, HSSOX6, SOX-6 SOX 6, SOX6_HUMAN.<br>Background: Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal. |

## Application Details

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|---|---|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |

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