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Datasheet for ABIN1389906

anti-SOX12 antibody (AA 51-150) (Alexa Fluor 647)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | SOX12 |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SOX12 antibody is conjugated to Alexa Fluor 647 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human SOX22 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Cow |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | SOX12 |
| Alternative Name: | SOX22/SOX12 (SOX12 Products) |
| Background: | Synonyms: Homo sapiens SRY sex determining region Y box 12, Protein SOX-22, SOX 12, SOX |

Target Details

12 protein, SOX 22, SOX 22 protein, sox12, SOX12 protein, SOX12_HUMAN, SOX22 protein, SRY sex determining region Y box 12, SRY sex determining region Y box 22, SRY box 12, SRY box 22, SRY related HMG box gene 22, Transcription factor Sox-12.

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

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
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