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Datasheet for ABIN1395775 **anti-SOX17 antibody (Biotin)**

Overview

Quantity:	100 µL
Target:	SOX17
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX17 antibody is conjugated to Biotin
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SOX17
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SOX17
Alternative Name:	Sox17 (SOX17 Products)
Background:	<p>Synonyms: SOX-17, SOX17_HUMAN, SRY sex determining region Y box 17, SRY box 17, SRY related HMG box transcription factor SOX17, Transcription factor SOX-17, Transcription factor SOX17.</p> <p>Background: Sox genes comprise a family of genes that are related to the mammalian sex</p>

Target Details

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.

Gene ID: 64321

Application Details

Application Notes: WB: 1:100-1000, IHC-P: 1:100-500
Optimal working dilution should be determined by the investigator.

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: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months