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Datasheet for ABIN897559
anti-FOXL2 antibody (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	FOXL2
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXL2 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXL2
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	FOXL2
Alternative Name:	FOXL2 (FOXL2 Products)
Background:	Synonyms: blepharophimosis, Blepharophimosis epicanthus inversus and ptosis 1, Blepharophimosis epicanthus inversus and ptosis, BPES 1, BPES, BPES1, epicanthus inversus and ptosis 1, forkhead box L2, Forkhead box protein L2, forkhead transcription factor FOXL2, FOX L2, FOXL 2, FOXL2, FOXL2_HUMAN, PFRK, PINTO, POF 3, POF3.

Target Details

Background: Transcriptional regulator. Critical factor essential for ovary differentiation and maintenance, and repression of the genetic program for somatic testis determination. Prevents trans-differentiation of ovary to testis through transcriptional repression of the Sertoli cell-promoting gene SOX9 (By similarity). Has apoptotic activity in ovarian cells. Suppresses ESR1-mediated transcription of PTGS2/COX2 stimulated by tamoxifen (By similarity). Is a regulator of CYP19 expression (By similarity). Participates in SMAD3-dependent transcription of FST via the intronic SMAD-binding element (By similarity). Is a transcriptional repressor of STAR. Activates SIRT1 transcription under cellular stress conditions. Activates transcription of OSR2.

Molecular Weight: 45-50kDa

Gene ID: 668

Pathways: [Nuclear Hormone Receptor Binding](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: IF(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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months