

Datasheet for ABIN6971660
anti-FOXL2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	FOXL2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FOXL2 antibody was raised against a peptide within the N-terminal region of human FOXL2.
Isotype:	IgG
Characteristics:	<p>FOXL2 (forkhead box L2, BPES, PFRK, POF3, BPES1, PINTO) is a 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. FOXL2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with</p>

Product Details

Human samples.

Purification: Affinity Purified

Target Details

Target: FOXL2

Alternative Name: FOXL2 ([FOXL2 Products](#))

Molecular Weight: 40 kDa

NCBI Accession: [NP_075555](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

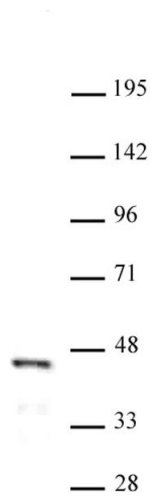
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

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: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. FOXL2 antibody (pAb) tested by Western blot. Detection of FOXL2 by Western blot analysis. Nuclear extract of OVCAR-3 cells (30 µg) was probed with FOXL2 pAb at a 1:500 dilution.