

Recombinant FOXL2 Monoclonal Antibody

catalog number: **AN301526L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

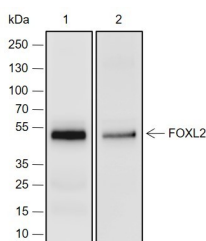
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human FOXL2 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A225
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

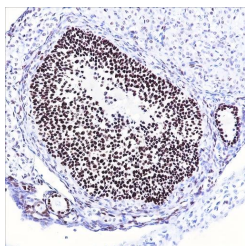
WB	1:1000
IHC	1:100-1:1000

Data

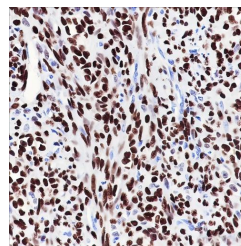


Western Blot with FOXL2 Monoclonal Antibody at dilution of 1:1000. Lane 1: Mouse ovary, Lane 2: Rat ovary

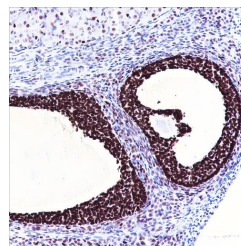
Observed-MW: 50 kDa
Calculated-MW: 38 kDa



Immunohistochemistry of paraffin-embedded Mouse ovary using FOXL2 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human ovarian granulosa cell tumor using FOXL2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat ovary (Negative tissue) using FOXL2 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.0

Winged helix forkhead transcription factor 2 (FOXL2) promotes the proliferation and differentiation of granulosa cells by regulating the transcription of target genes, which is a key factor for ovarian differentiation and function maintenance. FOXL2 repels SOX9, Sertoli cells inhibit the transcription of SOX9 gene to prevent the transdifferentiation of the ovary to the testis; FOXL2 can also participate in the physiological regulation of endometrial tissue. Mutation of FOXL2 can cause small eyelid syndrome (BPES) and premature ovarian failure, so FOXL2 can be used as an important indicator of the prognosis and tumor progression of ovarian granulosa cell tumor, and it is also a specific marker of ovarian sex cord stromal tumor (SCST)