

Product name: FOXO1 Rabbit Polyclonal Antibody

Cat number: AB17978

Size: 100 ug

Concentration: 1mg/ml

Host: Rabbit

Isotype: IgG

Immunogen: Synthetic peptide. This information is considered to be commercially sensitive.

Reactivity: Human,Mouse,Rat

Applications: WB 1:500 - 1:2000 IHC-P 1:50 - 1:200 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Molecular Weight: 80kDa

Purification: Affinity purification

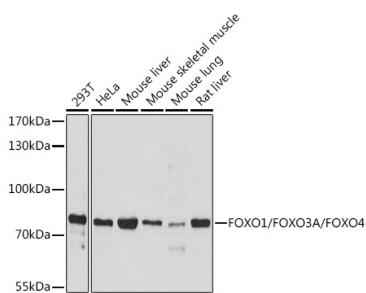
Form: liquid

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

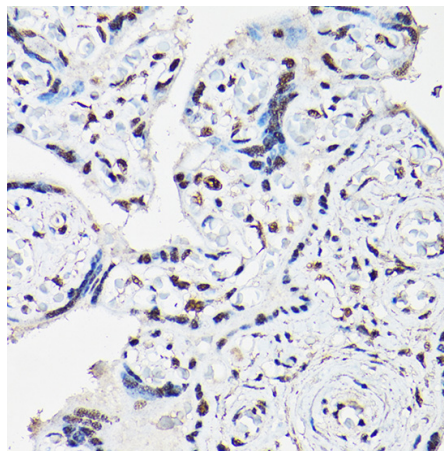
Storage: Store at -20°C. Avoid freeze / thaw cycles.

Background:

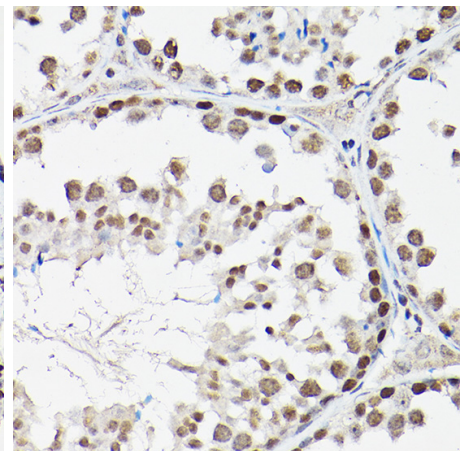
The Forkhead family of transcription factors mediates many aspects of physiology, including stress response, metabolism, commitment to apoptosis, and development. The Forkhead box subfamily O (FoxO) proteins have garnered particular interest due to their involvement in the modulation of cancer, metabolism and cardiovascular biology. In mammals, four subfamily members have been identified: FOXO1 (previously also known as FKHR), FOXO3 (also known as FKHL1), FOXO4 (also known as AFX), and FOXO6.



Western blot analysis of various lysates using FOXO1/FOXO3A/FOXO4 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using FOXO1/FOXO3A/FOXO4 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using FOXO1/FOXO3A/FOXO4 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.