

A17978

Leader in Biomolecular Solutions for Life Science



FOXO1/FOXO3A/FOXO4 Rabbit pAb

Catalog No.: A17978

2 Publications

Basic Information

Observed MW

80kDa

Calculated MW

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

Recommended Dilutions

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.

Immunogen Information

Gene ID

2308/2309/4303

Swiss Prot

Q12778/O43524/P98177

Immunogen

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

Synonyms

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

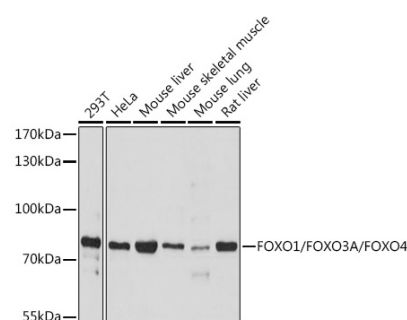
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of various lysates using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) at 1:1000 dilution.

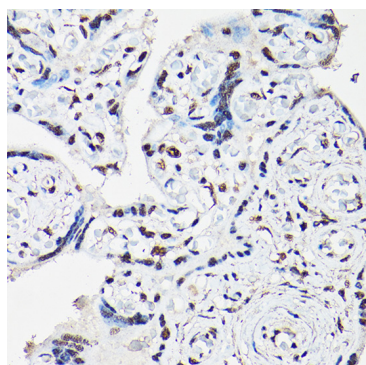
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

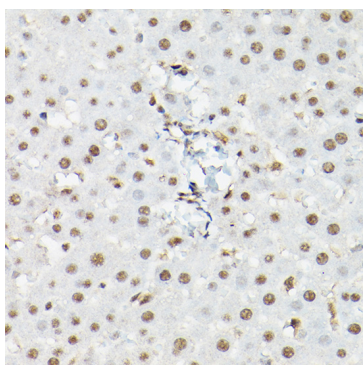
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

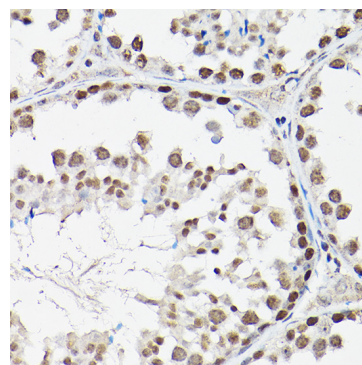
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) 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 Mouse liver using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) 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 (A17978) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.