

# FOXO1/FOXO3A/FOXO4 Rabbit pAb

Catalog No.: A17978

1 Publications

## Basic Information

### Observed MW

80kDa

### Calculated MW

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### 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

## Immunogen Information

### Gene ID

2308/2309/4303

### Swiss Prot

Q12778/O43524/P98177

### Immunogen

A synthetic peptide of human FOXO1/FOXO3A/FOXO4 (NP\_002006.2).

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

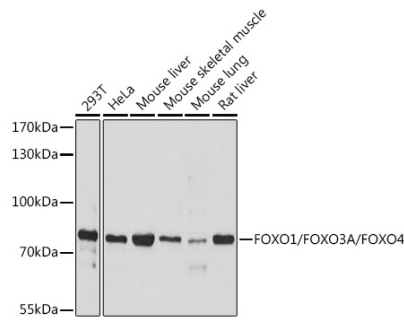
Affinity purification

### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data



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

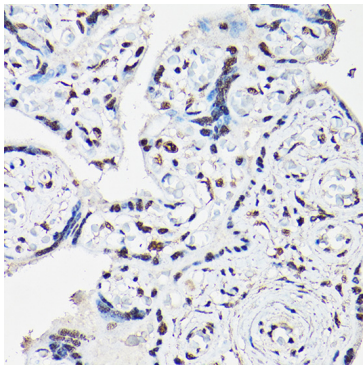
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

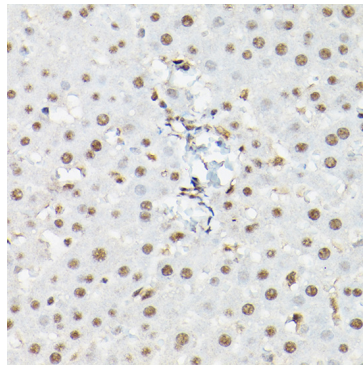
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

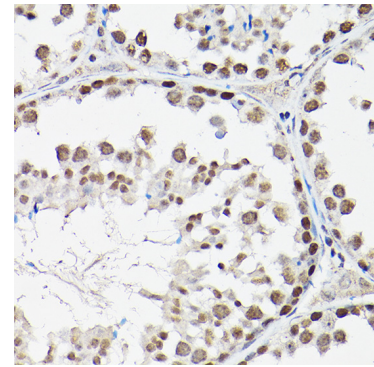
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human placenta using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse liver using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat testis using FOXO1/FOXO3A/FOXO4 Rabbit pAb (A17978) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.