

## FoxO1/FoxO3a/FoxO4 Antibody

CAB17978

### Description

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This FoxO1/FoxO3a/FoxO4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|                      |                                                       |
|----------------------|-------------------------------------------------------|
| <b>SKU:</b>          | CAB17978                                              |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml)       |
| <b>Category:</b>     | Polyclonal Antibody                                   |
| <b>Synonyms:</b>     | -                                                     |
| <b>Clone:</b>        | -                                                     |
| <b>Applications:</b> | <span>WB</span> <span>IHC-P</span> <span>ELISA</span> |
| <b>Conjugation:</b>  | -                                                     |
| <b>Reactivity:</b>   | Human, Mouse, Rat                                     |

### Antibody Data

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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 2308 2309 4303        |
| <b>Uniprot:</b>       | AB_2861779            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 80kDa                 |
| <b>Calculated MW:</b> | -                     |

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.  
Store Bradford Reagent at Room Temperature for 1 Year.

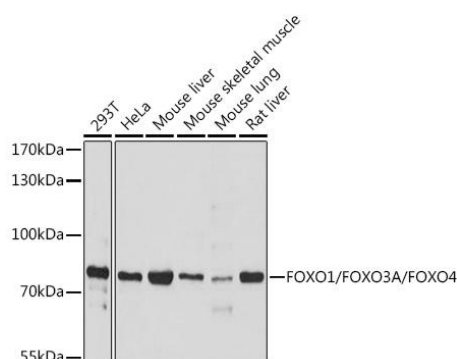
**Positive Sample:** 293T, HeLa, Mouse liver, Mouse skeletal muscle, Mouse lung, Rat liver

**Recommended Dilutions:**

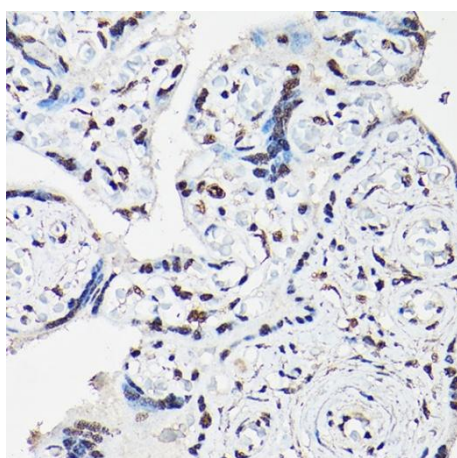
|              |                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>WB</b>   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

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

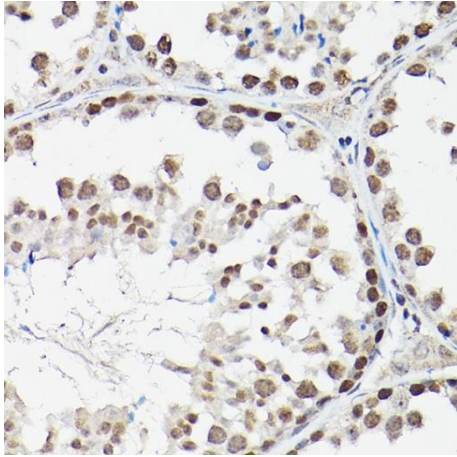
## Validation Data



Western blot analysis of various lysates using FOXO1/FOXO3A/FOXO4 Rabbit pAb (CAB17978) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using FOXO1/FOXO3A/FOXO4 Rabbit pAb (CAB17978) 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 (CAB17978) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.