

# FOXO3A Rabbit PolymAb®

Catalog No.: A28587PM

## Basic Information

### Observed MW

82-97 kDa

### Calculated MW

71 kDa/48 kDa

### Category

Primary antibody

### Applications

WB,IP,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC78518\_ARC78524

### Conjugate

Unmodified

## Recommended Dilutions

**WB** 1:3000 - 1:10000

**IP** 0.5 µg - 4 µg antibody for  
200 µg - 400 µg extracts of  
whole cells

**IHC-P** 1:2000 - 1:8000

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on your  
specific assay  
requirements. For high-ratio  
antibody dilutions  
(≥1:10000)

## Contact

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## Background

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.

## Immunogen Information

### Gene ID

2309

### Swiss Prot

O43524

### Immunogen

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

### Synonyms

FOXO2; AF6q21; FKHL1; FOXO3A; FKHL1P2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

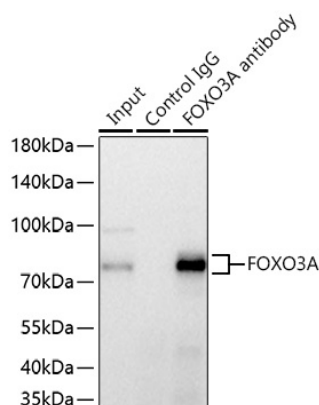
Affinity purification

### Storage

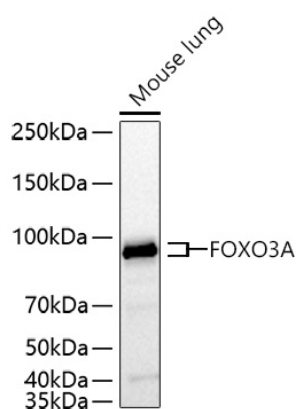
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

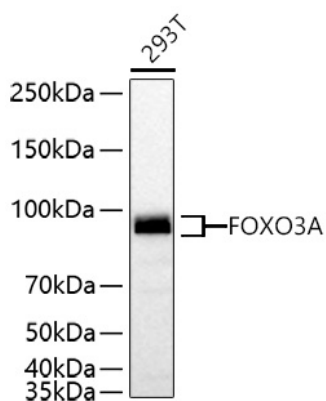
## Validation Data



Immunoprecipitation of FOXO3A from 300 µg extracts of Neuro-2a cells was performed using 2 µg of FOXO3A Rabbit PolymAb® (A28587PM). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using FOXO3A Rabbit PolymAb® (A28587PM) at a dilution of 1:5000.



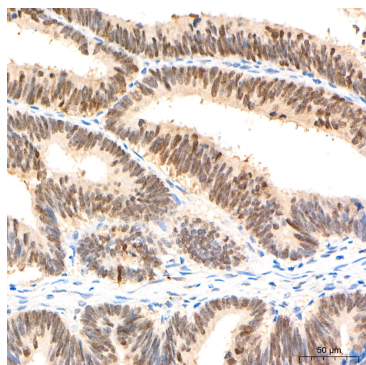
Western blot analysis of lysates from Mouse lung using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45 s.



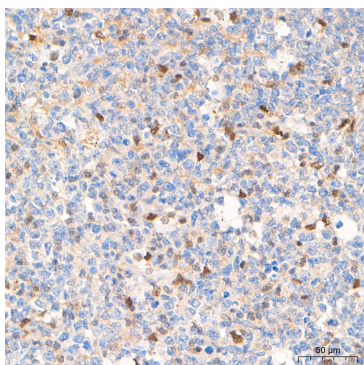
Western blot analysis of lysates from 293T cells using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60 s.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using FOXO3A Rabbit PolymAb® (A28587PM) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using FOXO3A Rabbit PolymAb® (A28587PM) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.