

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

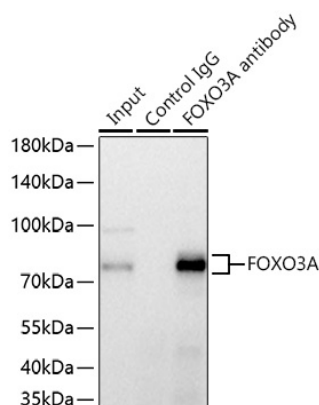
Affinity purification

Storage

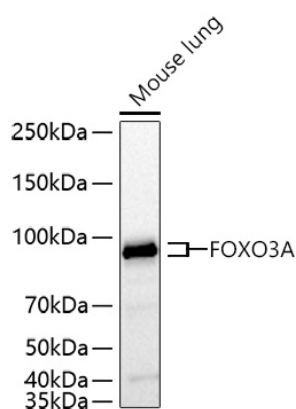
Store at -20°C. Avoid freeze / thaw cycles.

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

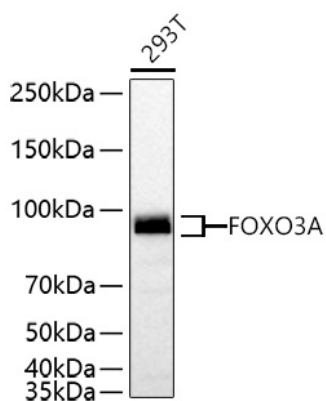
Validation Data



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.

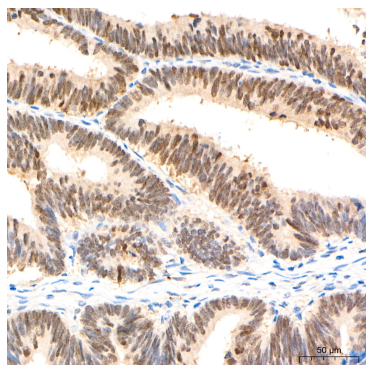


Western blot analysis of lysates from Mouse lung using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.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

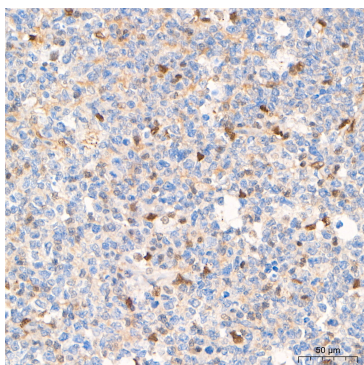


Western blot analysis of lysates from 293T cells using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.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

Validation Data



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.