Leader in Biomolecular Solutions for Life Science

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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

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.

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)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
2309

Swiss Prot
O43524

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

Synonyms
FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

400-999-6126

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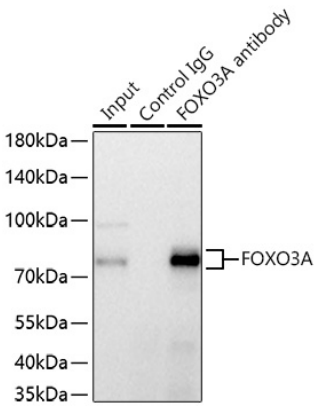
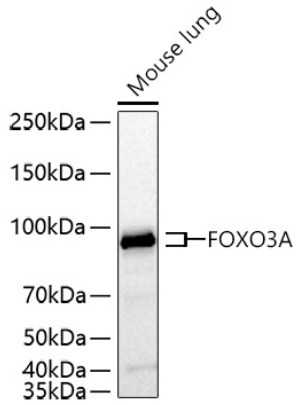
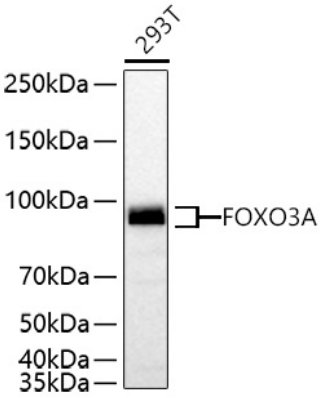
Validation Data



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.

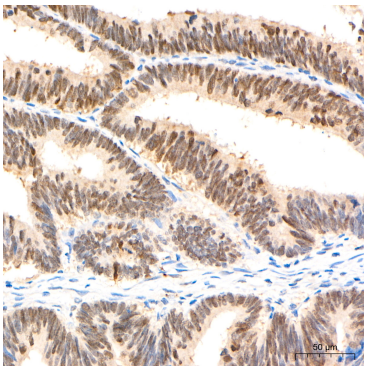


Western blot analysis of lysates from Mouse lung using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.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

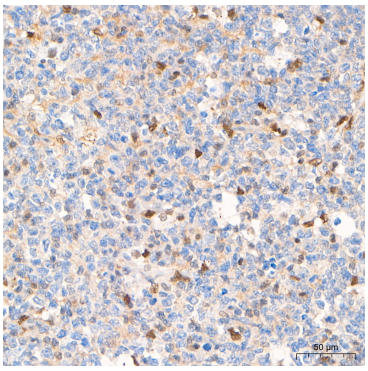


Western blot analysis of lysates from 293T cells using FOXO3A Rabbit PolymAb® (A28587PM) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.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