

FOXG1 Polyclonal Antibody

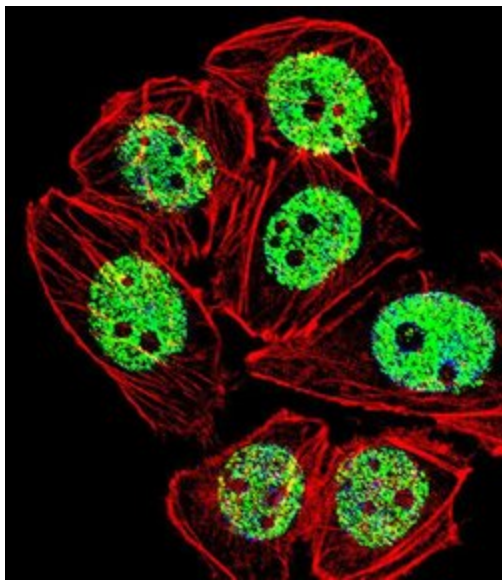
| Product Details | |
|--------------------|---|
| Size | 400 µL |
| Species | Human, Mouse |
| Published Species | Human |
| Expression System | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | KLH conjugated synthetic peptide between 225-252 amino acids from the central region of human FOXG1 |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Protein A |
| Storage buffer | PBS |
| Contains | 0.09% sodium azide |
| Storage Conditions | -20° C, Avoid Freeze/Thaw Cycles |
| RRID | AB_2544294 |

| Applications | Tested Dilution | Publications |
|-----------------------------|-----------------|----------------|
| Flow Cytometry (Flow) | 1:10-1:50 | - |
| Immunocytochemistry (ICC) | 1:10-1:50 | - |
| Immunofluorescence (IF) | 1:10-1:50 | - |
| Western Blot (WB) | 1:1000 | 2 Publications |
| ChIP assay (ChIP) | - | 1 Publication |
| Immunohistochemistry (IHC) | - | 1 Publication |
| Miscellaneous PubMed (Misc) | - | 1 Publication |

Product Specific Information

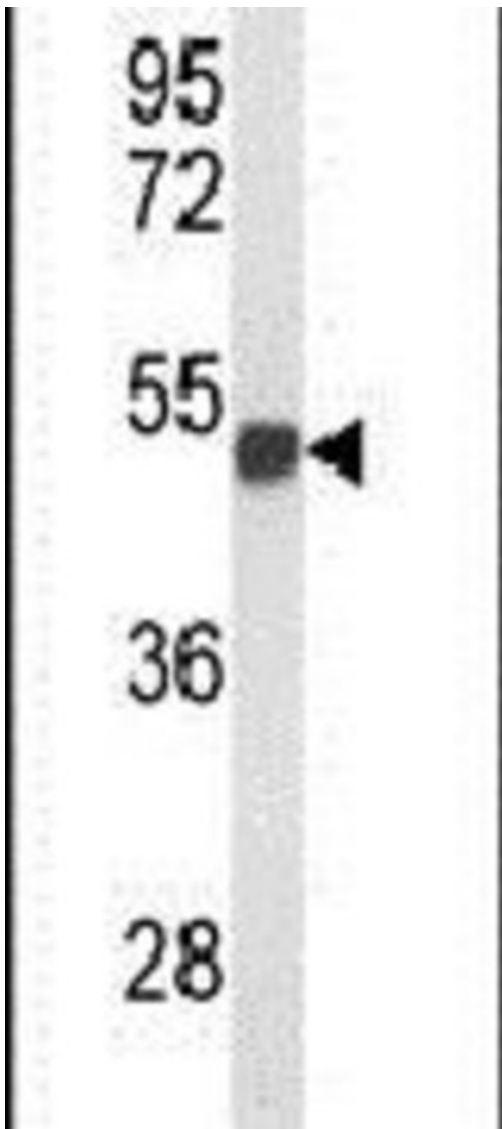
This antibody is predicted to react with chicken, canine, rat and Xenopus based on sequence homology.

Product Images For FOXG1 Polyclonal Antibody



FOXG1 Antibody (PA5-26794) in IF

Immunofluorescent analysis of A549 cells using a FOXG1 polyclonal antibody (Product # PA5-26794). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with a FOXG1 polyclonal antibody (Product # PA5-26794) (1:25, 1 hr at 37°C). Primary antibody was detected with fluor-conjugated donkey anti-rabbit secondary antibody (green) at 1:400 dilution for 50 min at 37°C. Actin filaments have been labeled with dye-conjugated phalloidin (red). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min).

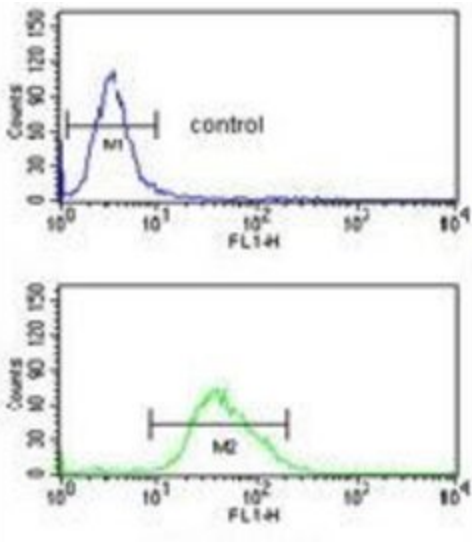


FOXG1 Antibody (PA5-26794) in WB

Western blot analysis using a FOXG1 polyclonal antibody (Product # PA5-26794) in mouse brain tissue lysates (35 µg per lane).

FOXG1 Antibody (PA5-26794) in Flow

Flow cytometry analysis of U251 cells using a FOXG1 polyclonal antibody (Product # PA5-26794) (bottom) compared to a negative control cell (top) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody



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5 References

Western Blot (2)

Carcinogenesis

FXR-Gankyrin axis is involved in development of pediatric liver cancer.

"Published figure using FOXP1 polyclonal antibody (Product # PA5-26794) in Western Blot"

Authors: Valanejad L, Lewis K, Wright M, Jiang Y, D'Souza A, Karns R, Sheridan R, Gupta A, Bove K, Witte D, Geller J, Tiao G, Nelson DL, Timchenko L, Timchenko N

Species

Not Applicable

Dilution

Not Cited

Year

2017

Molecular cell

EGFR Mutation Promotes Glioblastoma through Epigenome and Transcription Factor Network Remodeling.

"PA5-26794 was used in ChIP assay and immunohistochemistry - paraffin section to elucidate how EGFR mutations contribute to glioblastoma development"

Authors: Liu F, Hon GC, Villa GR, Turner KM, Ikegami S, Yang H, Ye Z, Li B, Kuan S, Lee AY, Zanca C, Wei B, Lucey G, Jenkins D, Zhang W, Barr CL, Furnari FB, Cloughesy TF, Yong WH, Gahman TC, Shiau AK, Cavenee WK, Ren B, Mischel PS

Species

Human
Not Applicable

Dilution

1:200-1:500
Not Cited

Year

2015

ChIP assay (1)

Molecular cell

EGFR Mutation Promotes Glioblastoma through Epigenome and Transcription Factor Network Remodeling.

"PA5-26794 was used in ChIP assay and immunohistochemistry - paraffin section to elucidate how EGFR mutations contribute to glioblastoma development"

Authors: Liu F, Hon GC, Villa GR, Turner KM, Ikegami S, Yang H, Ye Z, Li B, Kuan S, Lee AY, Zanca C, Wei B, Lucey G, Jenkins D, Zhang W, Barr CL, Furnari FB, Cloughesy TF, Yong WH, Gahman TC, Shiau AK, Cavenee WK, Ren B, Mischel PS

Species

Human
Not Applicable

Dilution

1:200-1:500
Not Cited

Year

2015

Immunohistochemistry (1)

Molecular cell

EGFR Mutation Promotes Glioblastoma through Epigenome and Transcription Factor Network Remodeling.

"PA5-26794 was used in ChIP assay and immunohistochemistry - paraffin section to elucidate how EGFR mutations contribute to glioblastoma development"

Authors: Liu F, Hon GC, Villa GR, Turner KM, Ikegami S, Yang H, Ye Z, Li B, Kuan S, Lee AY, Zanca C, Wei B, Lucey G, Jenkins D, Zhang W, Barr CL, Furnari FB, Cloughesy TF, Yong WH, Gahman TC, Shiau AK, Cavenee WK, Ren B, Mischel PS

Species

Human
Not Applicable

Dilution

1:200-1:500
Not Cited

Year

2015

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Misc (1)

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