

#### **FOXO6 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12340C

## **Specification**

## FOXO6 Antibody (Center) - Product Information

Application WB, IF,E Primary Accession A8MYZ6

Other Accession <u>Q70KY4</u>, <u>XP 002342143.1</u>

Reactivity
Host
Clonality
Polyclonal
Isotype
Antigen Region

Mouse
Rabbit
Polyclonal
Rabbit IgG
154-181

#### FOXO6 Antibody (Center) - Additional Information

#### **Other Names**

Forkhead box protein O6, FOXO6

#### Target/Specificity

This FOXO6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 154-181 amino acids from the Central region of human FOXO6.

# **Dilution**

WB~~1:1000 IF~~1:10~50

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

## **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

FOXO6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

#### FOXO6 Antibody (Center) - Protein Information

#### Name FOXO6

Function Transcriptional activator.

### **Cellular Location**





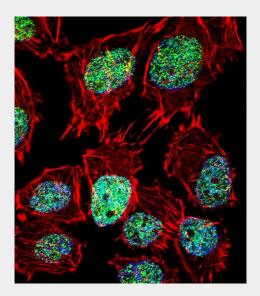
Cytoplasm. Nucleus {ECO:0000255|PROSITE-ProRule:PRU00089}. Note=When phosphorylated, translocated from nucleus to cytoplasm. High nuclear localization after stimulation with growth factors (By similarity).

## FOXO6 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

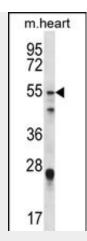
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# FOXO6 Antibody (Center) - Images



Fluorescent confocal image of U251 cell stained with FOXO6 Antibody (Center)(Cat#AP12340c).U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with FOXO6 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10  $\mu$ g/ml, 10 min). FOXO6 immunoreactivity is localized to Cytoplasm and Nucleus significantly.





FOXO6 Antibody (Center) (Cat. #AP12340c) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the FOXO6 antibody detected the FOXO6 protein (arrow).

# FOXO6 Antibody (Center) - Background

FOXO6 is a transcriptional activator (By similarity).