

Anti-Phospho-FOXO3a (Ser253) Polyclonal Antibody

Product Details

Ig Type: IgG
 Reactivity: Human,Rat (predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Sheep)
 Molecular Weight: Theoretical: 71 kDa.
 Purification: Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (Phospho-FoxO3a (Ser253)) Polyclonal Antibody, Unconjugated (TMAB-01414) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

2. Blank control: THP-1. Primary Antibody (green line): Rabbit Anti-Phospho-FoxO3a (Ser253) antibody (TMAB-01414)

Dilution: 1 µg/10⁶ cells;

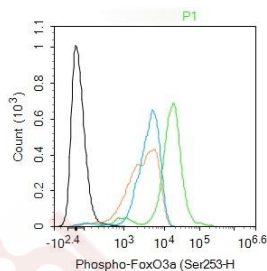
Verified Activity: Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-FITC

Dilution: 0.5 µg/test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.



Application: FCM,IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated Synthesised phosphopeptide: human FoxO3a around the phosphorylation site of Ser253

Antigen Species: Human

Gene ID: 2309

Uniprot ID: O43524

Synonyms: MGC31925;FKHRL1;p-FOXO3a (S253);p-FOXO3a (Ser253);FKHR2;MGC12739;FKHRL1P2;FOXO3a (p-S253);Forkhead Drosophila homolog of in rhabdomyosarcoma like 1;Forkhead box protein O3A;Forkhead in rhabdomyosarcoma like 1;FOXO2;Forkhead box O3A;Forkhead(Drosophila) homolog(rhabdomyosarcoma) like 1;FOXO3;FOX O3A;AF6q21;FOXO3a (p-Ser253);DKFZp781A0677;FKHRL 1

Biology Area: Forkhead Box,FOXO

Research 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. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481