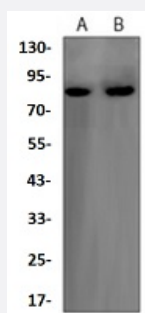


RecomAb™

FOXO3 recombinant monoclonal antibody

Catalog # RAB02562 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Hela (A), A549 (B) whole cell lysates with FOXO3 recombinant monoclonal antibody (Cat # RAB02562).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FOXO3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human FOXO3.
Theoretical MW (kDa)	90
Reactivity	Human
Specificity	Recognizes endogenous levels of FOXO3 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Hela (A), A549 (B) whole cell lysates with FOXO3 recombinant monoclonal antibody (Cat # RAB02562).

Gene Info — FOXO3

Entrez GeneID [2309](#)

Protein Accession# [O43524](#)

Gene Name FOXO3

Gene Alias AF6q21, DKFZp781A0677, FKHL1, FKHL1P2, FOXO2, FOXO3A, MGC12739, MGC31925

Gene Description forkhead box O3

Omim ID [602681](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000016944|forkhead box O3A|forkhead homolog (rhabdomyosarcoma) like 1|forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1

Pathway

- [Chemokine signaling pathway](#)
- [Endometrial cancer](#)

- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)

Disease

- [Alzheimer disease](#)
- [Amenorrhea](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Primary Ovarian Insufficiency](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)