

DNAxPAb

Hard-to-Find
Antibody

FOXO3 DNAxPab

Catalog # H00002309-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human FOXO3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAEAPASPAPLSPLEVELDPEFEPQSRPRSCWPLQRPELQASPAKPSGETAADSMIPEEEDD
EDDEDGGGRAGSAMAIGGGGGSGTLGSGLLLED SARVLAPGGQDPGSGPATAAGGLSGGTQA
LLQPQQPLPPPQGAAGGSGQPRKCSSRRNAWGNLSYADLITRAIESSPDKRLTSLQYEWVMVR
CVPYFKDKGDSNSSAGWKNSIRHNL SLHSR FMVQNEGTGKSSWWIINPDGGKSGKAPRRRAV
SMDNSNKYTKSRGRAAKKKAALQTAPESADDSPSQLSKWPGSPTSRSSELD AWTDFRSRTN
SNASTVSGRLSPIMASTELDEVQDDDAPLSPMLYSSSASLSPSVSKPCTVELPRLTDMAGTMNL
NDGLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYTTKGSGLGSTSSFNSTVFGPSSLNSL
RQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLSHSDVMMTQSDPLMSQASTAVSAQNSR
RNVMLRNDPMMSFAAQPNQGS LVNQNLHHQHQTQGALGGSRALSNSVSNMGLSESSSLGSA
KHQQSPVVSQSMQTLSDSLSGSSLYSTSANLPVMGHEKFPSDLDLDMFNGSLECDMESIIRSEL
MDADGLDFNFDSLSTQN VVGLNVGNFTGAKQASSQSWVPG

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — FOXO3

Entrez GeneID [2309](#)

GeneBank Accession# [BC020227.1](#)

Protein Accession# [AAH20227.1](#)

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](#)