

FOXO3a recombinant antibody

Rabbit anti-FOXO3a Recombinant Monoclonal Antibody [BLR140H]

CATALOG # AAA213601	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

FOXO3a; Monoclonal Recombinant Antibody; Rabbit anti-FOXO3a Recombinant Monoclonal Antibody [BLR140H]; FKHL1; forkhead homolog (rhabdomyosarcoma) like 1; FOXO3A; FOXO2; forkhead; Drosophila; homolog of; in rhabdomyosarcoma-like 1; forkhead in rhabdomyosarcoma-like 1; forkhead box protein O3; FKHL1P2; AF6q21 protein; AF6q21; forkhead box O3A; Forkhead box protein O3; forkhead box O3; FOXO3a recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR140H
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	40ug/ml (varies by lot)
Applicable Applications for FOXO3a recombinant antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 475 and 525
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human FOXO3a by western blot. Samples: Whole cell lysate (10 ug) from HEK293T, LNCaP, Hep-G2, RKO, Jurkat, MCF-7, GaMG, and HeLa cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXO3a recombinant monoclonal antibody (AAA213601 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of mouse FOXO3a by western blot. Samples: Whole cell lysate (10 ug) from BW5147.3, mIMCD-3, A20, NIH 3T3, CT26, CH27, C2C12, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-FOXO3a recombinant monoclonal antibody (AAA213601 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human FOXO3a by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-FOXO3a recombinant monoclonal antibody (AAA213601 lot 1) used for IP at 20 ul/mg lysate. FOXO3a was also immunoprecipitated by rabbit anti-FOXO3a antibodies and For blotting immunoprecipitated FOXO3a, AAA213601 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for FOXO3a recombinant antibody	Forkhead box protein O3A (FOXO3a) belongs to a large family of Forkhead proteins that possesses a winged-helix DNA-binding domain called Forkhead box (FOX). FOXO3a is a transcription factor that functions to induce apoptosis in the absence of survival factors and in response to oxidative stress. Under conditions of oxidative stress FOXO3a is acetylated and localized to the nucleus where it may act as a transcriptional repressor.
Product Categories/Family for FOXO3a recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503739
NCBI GeneID	2309
NCBI Accession #	NP_001446.1
NCBI GenBank Nucleotide #	NM_001455.3
UniProt Accession #	O43524; O15171; Q5T2I7; Q9BZ04; E1P5E6
Molecular Weight	71,277 Da
NCBI Official Full Name	forkhead box protein O3
NCBI Official Synonym Full Names	forkhead box O3
NCBI Official Symbol	FOXO3
NCBI Official Synonym Symbols	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2
NCBI Protein Information	forkhead box protein O3; forkhead box O3A; forkhead in rhabdomyosarcoma-like 1; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1
UniProt Protein Name	Forkhead box protein O3
UniProt Gene Name	FOXO3
UniProt Synonym Gene Names	FKHRL1; FOXO3A
UniProt Entry Name	FOXO3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/foxo3a-recombinant-antibody-clone-blr140h-immunoprecipitation-western-blot-elisa/213601>