

FOXO3A (Phospho Ser253) (16M7) Rabbit Monoclonal Antibody

Catalog# UZ-MA01738

Product information

产品货号	UZ-MA01738
别名	AF6q21 protein; FKHR2; FKHL1; Forkhead box O3; forkhead box O3A; Forkhead box protein O3A; Forkhead in rhabdomyosarcoma-like 1; FOXO3A;
产品名称	FOXO3A (Phospho Ser253) (16M7) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	FOXO3
推荐应用	WB,IHC-P,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	2309
Human Swissprot No.	O43524
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Ser253 of human FOXO3A
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:50-1:100
参考分子量	82kDa
预测分子量	71kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	Phospho-FoxO3a (S253) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Cytoplasm, cytosol. Nucleus Mitochondrion matrix. Mitochondrion outer membrane; Peripheral membrane protein; Cytoplasmic side. Note=Retention in the cytoplasm contributes to its inactivation (PubMed:10102273, PubMed:15084260, PubMed:16751106). Translocates to the nucleus upon oxidative stress and in the absence of survival factors (PubMed:10102273, PubMed:16751106) Translocates from the cytosol to the nucleus following dephosphorylation in response to autophagy-inducing stimuli (By similarity). Translocates in a AMPK-dependent manner into the mitochondrion in response to metabolic stress (PubMed:23283301, PubMed:29445193). Serum deprivation increases localization to the nucleus, leading to activate expression of SOX9 and subsequent chondrogenesis (By similarity). {ECO:0000250 UniProtKB:Q9WVH4, ECO:0000269 PubMed:10102273, ECO:0000269 PubMed:15084260, ECO:0000269 PubMed:16751106, ECO:0000269 PubMed:23283301, ECO:0000269 PubMed:29445193}
Clonality	Monoclonal