

Immunotag™ Phospho-FKHRL1 (Ser253) Antibody

Antibody Specification	
Catalog No.	ITA0792
Product Description	Immunotag™ Phospho-FKHRL1 (Ser253) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-FKHRL1 (Ser253)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:1000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human FKHRL1 around the phosphorylation site of Serine 253
Specificity	Phospho-FKHRL1 (Ser253) Antibody detects endogenous levels of FKHRL1 only when phosphorylated at Serine 253
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	FOXO3
Accession No.	O43524

Antibody Specification

Alternate Names	AF6q21; AF6q21 protein; DKFZp781A0677; FKHR2; FKHL 1; FKHL1; FKHL1P2; Forkhead (Drosophila) homolog (rhabdomyosarcoma) like 1; Forkhead box O3; Forkhead box O3A; Forkhead box protein O3; Forkhead box protein O3A; Forkhead Drosophila homolog of in rhabdomyosarcoma like 1; Forkhead homolog (rhabdomyosarcoma) like 1; Forkhead in rhabdomyosarcoma like 1; Forkhead in rhabdomyosarcoma-like 1; FOX O3A; FOXO2; foxo3; FOXO3_HUMAN; FOXO3A; MGC12739; MGC31925;
Description	Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress (PubMed:10102273, PubMed:16751106). Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3' (PubMed:21329882). Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation (PubMed:21329882). In response to metabolic stress, translocates into the mitochondria where it promotes mtDNA transcription (PubMed:23283301).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	97kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.