G-Biosciences Image not found or type unknown

Immunotag™ Phospho-FOXO4 (Thr451) Antibody

Antibody Specification

Catalog No.	ITA1138
Product Description	Immunotag™ Phospho-FOXO4 (Thr451) 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-FOXO4 (Thr451)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human FOXO4 around the phosphorylation site of Threonine 451
Specificity	Phospho-FOXO4 (Thr451) Antibody detects endogenous levels of FOXO4 only when phosphorylated at Threonine 451
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	FOXO4
Accession No.	P98177

Antibody Specification

Alternate Names	AFX; AFX1; Afxh; ALL1-fused gene from X chromosome; Fork head domain transcription factor AFX1; Forkhead box O4; Forkhead box protein O4; FOXO 4; Foxo4; FOXO4_HUMAN; MGC117660; MGC120490; Mixed lineage leukemia, translocated to, 7; MLLT7; Myeloid/lymphoid or mixed lineage leukemia (trithorax homolog, Drosophila); translocated to, 7; Myeloid/lymphoid or mixed lineage leukemia, translocated to, 7; RGD1561201;
Description	Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle. Involved in increased proteasome activity in embryonic stem cells (ESCs) by activating expression of PSMD11 in ESCs, leading to enhanced assembly of the 26S proteasome, followed by higher proteasome activity.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	65kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.