

Datasheet for ABIN684673

anti-FOXO1 antibody (pThr24, pThr32)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FOXO1
Binding Specificity:	pThr24, pThr32
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FOXO1 around the phosphorylation site of Thr24+Thr32
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FOXO1
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Target Details

Alternative Name:	FOXO1/3/4+ (FOXO1 Products)
Background:	Synonyms: FOXO4 phospho T32, p-FoxO1 Thr24/FoxO3a Thr32, FOXO3A phospho T32, p-FOXO3A phospho T32, Forkhead box protein O1, Afxh, AI876417, FKHR, Fkhr1, Foxo1a, Forkhead, FKH 1, FKH1, FKH1, FKHR, FKHR, Forkhead Drosophila homolog 1 rhabdomyosarcoma, Forkhead Drosophila homolog 1 rhabdomyosarcoma, Forkhead box O1, Forkhead box protein O1, Forkhead box protein O1A, Forkhead in rhabdomyosarcoma, Forkhead, Drosophila, homolog of, in rhabdomyosarcoma, FOXO1, FOXO1, FOXO1_HUMAN, FOXO1A, forkhead box protein O3. Background: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined, however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq].
Gene ID:	2308
Pathways:	PI3K-Akt Signaling , Cell Division Cycle , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Carbohydrate Metabolic Process , CXCR4-mediated Signaling Events , BCR Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months