

Datasheet for ABIN684748
anti-FOXO1 antibody (pSer256)



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2 Publications

Overview

Quantity:	100 µL
Target:	FOXO1
Binding Specificity:	pSer256
Reactivity:	Human, Mouse, Rat, Cow
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)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FOXO1 around the phosphorylation site of Ser256 [AA(p-S)MD]
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	FOXO1
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Target Details

Alternative Name:	Foxo1 (FOXO1 Products)
Background:	Synonyms: FOXO1A phospho S256, p-FOXO1A phospho S256, FKHRSer256, 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. 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 FCM 1:20-100 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
Restrictions:	For Research Use only

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

Publications

Product cited in:	Li, Qiu, Liu, Wang, Hu, Gan, Wang: "Long-term thermal manipulation in the late incubation period can inhibit breast muscle development by activating endoplasmic reticulum stress in duck (<i>Anas platyrhynchos domestica</i>). " in: Journal of thermal biology, Vol. 70, Issue Pt B, pp. 37-45, (2017) (PubMed). Kinoshita, Locher, Tienken, Meyer, Dänicke, Rehage, Huber: "Associations between Forkhead Box O1 (FoxO1) Expression and Indicators of Hepatic Glucose Production in Transition Dairy Cows Supplemented with Dietary Nicotinic Acid." in: PLoS ONE, Vol. 11, Issue 1, pp. e0146670, (2016) (PubMed).
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