

Datasheet for ABIN684757

anti-FOXO1 antibody (pSer256) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FOXO1
Binding Specificity:	pSer256
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), 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, FKHSer256, 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 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months