Datasheet for ABIN1531712

anti-FOXO4 antibody (pThr451)

1 Image

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Overview

Quantity:	100 µg
Target:	FOXO4
Binding Specificity:	AA 417-466, pThr451
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human FOXO4 around the phosphorylation site of Thr451.
Isotype:	IgG
Specificity:	FOXO4 (Phospho-Thr451) Antibody detects endogenous levels of FOXO4 only when phosphorylated at Thr451. PhosphorylationH:T451 M:T452
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

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Target Details

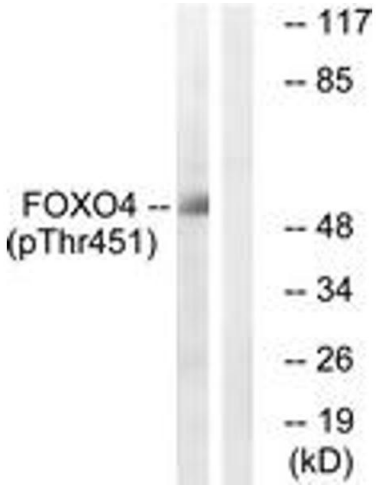
Target:	FOXO4
Alternative Name:	FOXO4 (FOXO4 Products)
Background:	Synonyms: AFX, AFX1, Afxh, Forkhead box protein O4, MLLT7, Putative forkhead domain AFX1, putative fork head domain AFX1 NCBI Gene Symbol: FOXO4
Molecular Weight:	53 kDa
Gene ID:	4303
OMIM:	300033
UniProt:	P98177
Pathways:	Cell Division Cycle, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.584654 (NCBI Gene Symbol: FOXO4)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells treated with EGF 200ng/ml 5', using FOXO4 (Phospho-Thr451) Antibody. The lane on the right is treated with the synthesized peptide.

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