

Datasheet for ABIN6242148
anti-FOXO4 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	FOXO4
Binding Specificity:	AA 415-450, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FOXO4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 415-450 amino acids from the C-terminal region of human FOXO4.
Clone:	RB51188
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FOXO4
Alternative Name:	FOXO4 (FOXO4 Products)
Background:	Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-

Target Details

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.

Molecular Weight: 53684

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: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

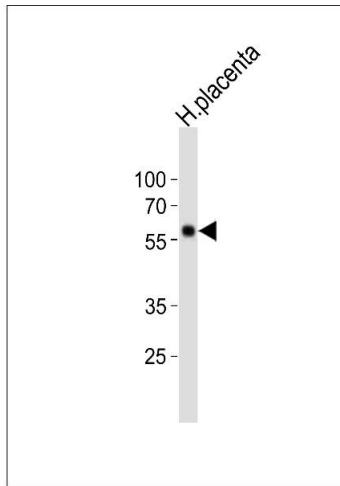
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysate from human placenta tissue lysate, using FOXO4 Antibody (C-term) (ABIN6242148 and ABIN6577869). (ABIN6242148 and ABIN6577869) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.