

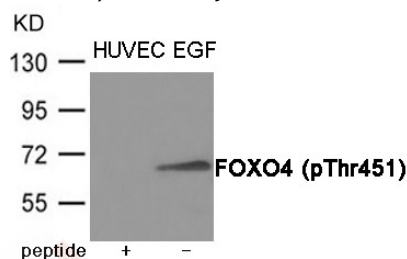
Anti-Phospho-FOXO4 (Thr451) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 65 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from HUVEC cells treated with EGF using FOXO4 (Phospho-Thr451) Antibody TMAC-01556. The lane on the left is treated with the antigen-specific peptide.



Application: WB

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of Threonine 451 (L-G-T(p)-P-V) derived from Human FOXO4
Antigen Species:	human
Uniprot ID:	P98177
Synonyms:	p-FOXO4 (Thr451);FOXO4 (p-T451);p-FOXO4 (T451);FOXO4 (p-Thr451)

Research Background

Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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