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35-1505: Polyclonal Antibody to AFX (Ab-197)

Polyclonal Clonality: Application: WB,IHC

Reactivity: Human, Mouse, Rat

Gene: FOXO4 Gene ID: 4303 P98177 **Uniprot ID:** Format: Purified

Alternative Name: AFX, FOXO4, AFX1, Afxh

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa. 195~199 (A-A-S-M-D) derived from Human AFX.

Description

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.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 65kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

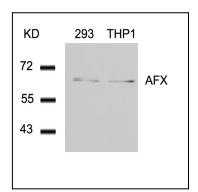


Figure 1: Western blot analysis of extracts from 293 and THP1 cells using AFX(Ab-197) Antibody 35-1505.



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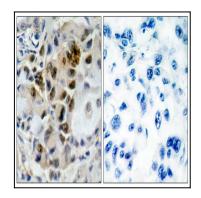


Figure 2: Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AFX(Ab-197) Antibody 35-1505 (left) or the same antibody preincubated with blocking peptide(right).