

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

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	FOXO4
Gene ID :	4303
Uniprot ID :	P98177
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 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

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

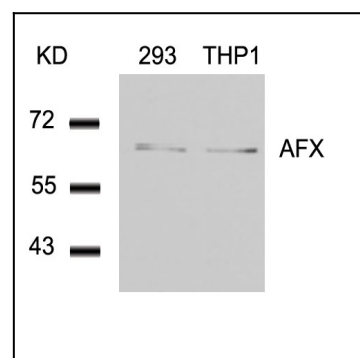


Figure 1: Western blot analysis of extracts from 293 and THP1 cells using AFX(Ab-197) Antibody 35-1505 .

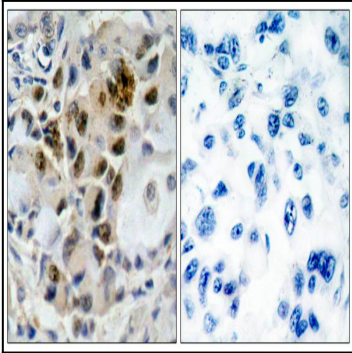


Figure 2: Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AFX(Ab-197) Antibody 35-1505 (left) or the same antibody preincubated with blocking peptide(right).