

AFX(Ab-197) Antibody

Catalog No: #21162



Package Size: #21162-1 50ul #21162-2 100ul #21162-4 25ul

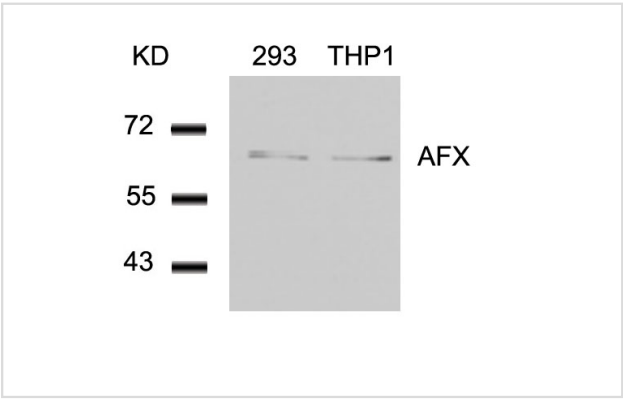
Overview

Product Name	AFX(Ab-197) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	AFX
Alternative Names	AFX; FOXO4; AFX1; Afxh;

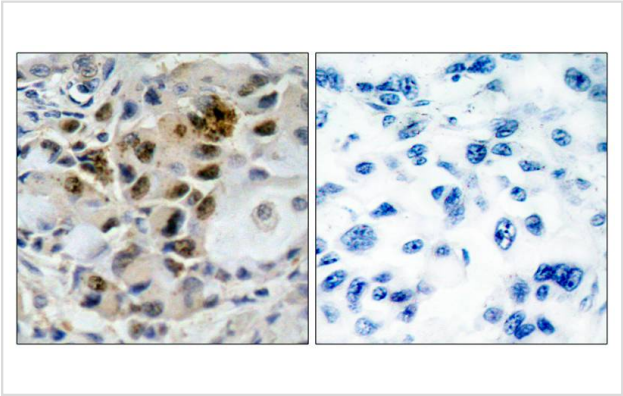
Application Details

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

Images



Western blot analysis of extracts from 293 and THP1 cells using AFX(Ab-197) Antibody #21162.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AFX(Ab-197) Antibody #21162(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around aa. 195~199 (A-A-S-M-D) derived from Human AFX.
Specificity	The antibody detects endogenous level of total AFX protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P98177NCBI Protein: NP_001164402.1

Related Information

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.

Di Maira G, et al. (2005)Cell Death Differ; 12(6): 668-77.

Essers MA, et al. EMBO J 2004 Nov. 11.

Brownawell AM, (2001) Mol Cell Biol; 21(10): 3534-46.

Kops GJ, et al. (1999) Nature; 398(6728): 630-4.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.