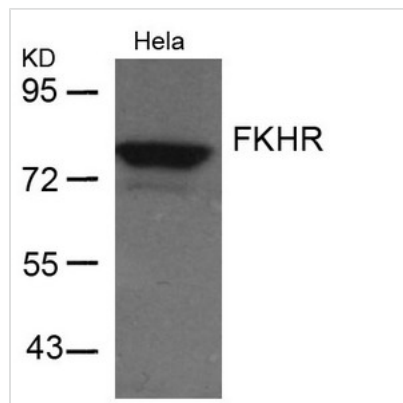


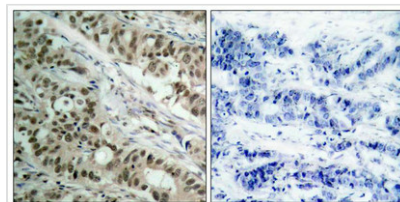


FOXO1 (Ab-256) Antibody

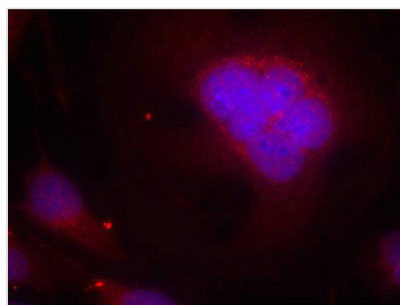
Product Code	CSB-PA228665
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q12778
Immunogen	Peptide sequence around aa.254~258 (A-A-S-M-D) derived from Human FKHR/FOXO1A.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total FKHR protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	FKHR belongs to the forkhead family of transcription factors, which are characterized by a distinct forkhead domain. It may play a role in myogenic growth and differentiation. The mammalian DAF-16-like transcription factors, FKHR, FKHL1, and AFX, function as key regulators of insulin signaling, cell cycle progression, and apoptosis downstream of phosphoinositide 3-kinase. Gene activation through binding to insulin response sequences has been essential for mediating these functions. D-type Cyclins (in Class III) is required for FKHR mediated inhibition of cell cycle progression and transformation. FKHR gene is mapped to chromosome 13q14 Gan L, et al. (2005) J Neurochem; 93(5): 1209-19. Smith WW, et al. (2005) J Cell Biol; 169(2): 331-9. Di Maira G, et al. (2005) Cell Death Differ; 12(6): 668-77. Horn S, et al. (2004) Leukemia; 18(11): 1839-49. Zhao X, et al. (2004) Biochem J 4; 378(Pt 3): 839-49.
Form	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.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	FOXO1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	FOXO1
Image	



Western blot analysis of extracts from HeLa cells using FKHR(Ab-256) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FKHR(Ab-256) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using FKHR(Ab-256) Antibody.