

Anti-FOXO1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

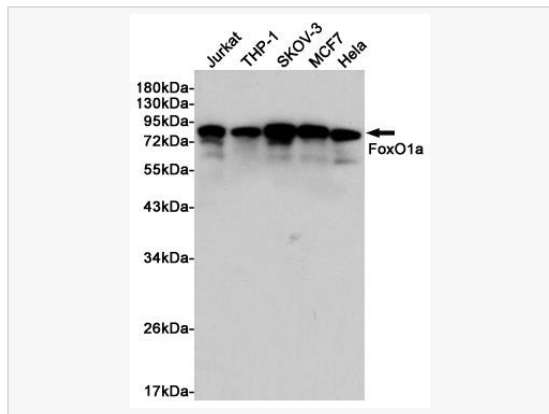
Catalog # P011173

Product Information

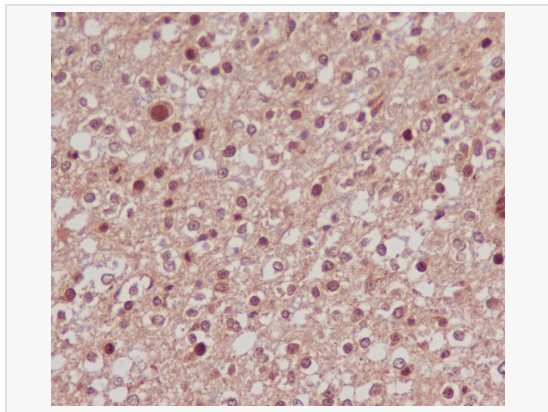
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human FoxO1a
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FOXO1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

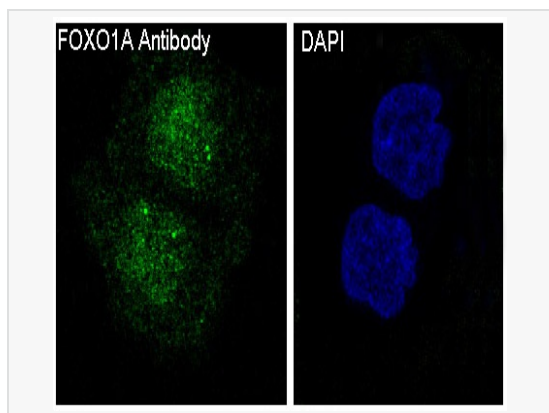
Synonyms	FOXO1, FKHR, FOXO1A, Forkhead box protein O1, Forkhead box protein O1A, Forkhead in rhabdomyosarcoma.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	Q12778
Gene ID	2308
Background	Transcription factor which acts as a regulator of cell responses to oxidative stress. In the presence of KIRT1, mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence.



Western blot analysis of FoxO1a in Jurkat, THP-1, SKOV-3, MCF-7 and HeLa lysates using FOXO1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain carcinoma using FoxO1a antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of FOXO1 in HeLa using FoxO1a antibody.