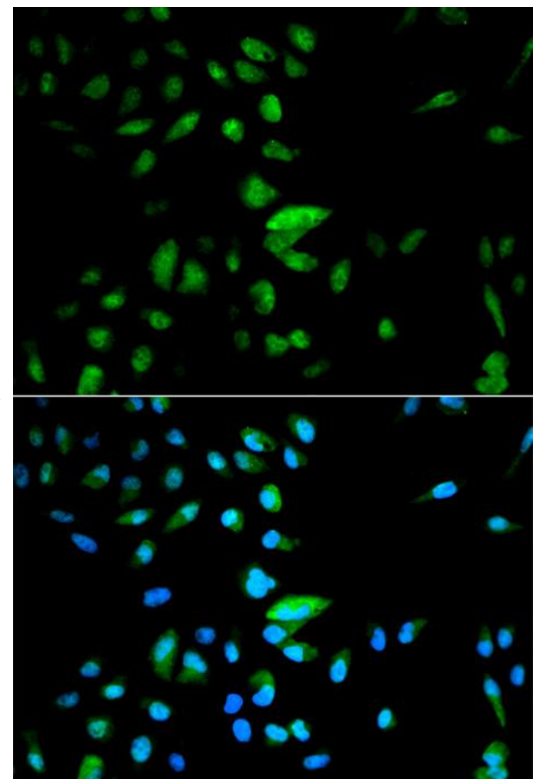
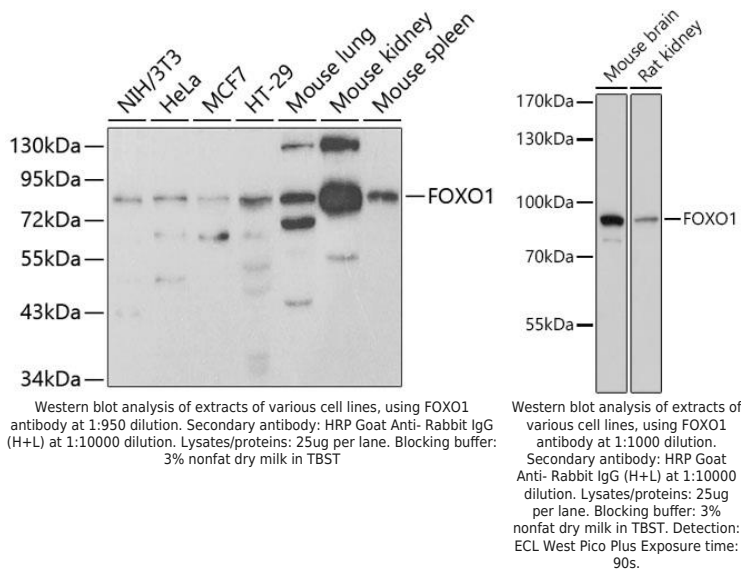
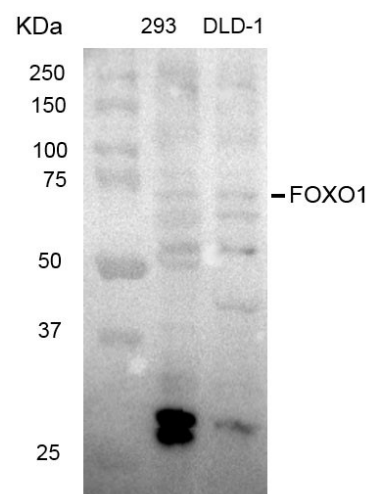


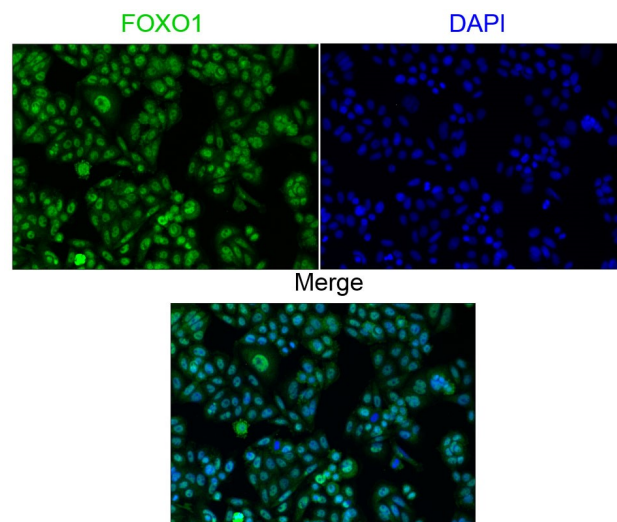
Product name:	FOXO1A
Cat number:	AB-82717
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide of human FOXO1
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:1000 Immunofluorescence: 1:50 - 1:100
Molecular Weight:	85kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.
Background:	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma.



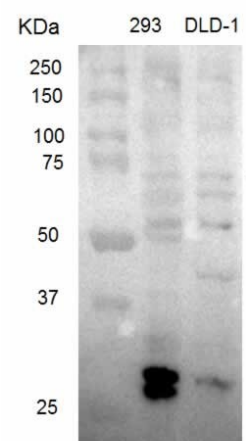
Immunofluorescence analysis of HeLa cells using FOXO1 antibody Blue: DAPI for nuclear staining.



Application: Western blot (WB) Sample 293T Loading Amount 20 ug Dilution 1:1000 Incubation time over night Temperature 4 °C Exposure 15s Observed Band 70 kDa Remarks Western blot analysis of extracts from HEK 293 cells and DLD-1 cells using FOXO1 Antibody (1:1000)



Application Immunofluorescence (IF) Sample SW480 Dilution 1:200 Incubation time over night Temperature 4 °C Remarks Immunofluorescent images of SW480 cells showing nuclear and cytoplasmic localization with FOXO1 Antibody 1:200 (left)



Application: Western blot (WB) Sample HEK293T, DLD-1 Loading Amount 25 ug Dilution 1:1000 Incubation time over night Temperature 4 °C Exposure 5s Observed Band 70 kDa Remarks Western blot analysis of extracts of various cell lines, using FOXO1 Polyclonal Antibody.