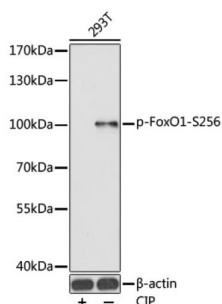
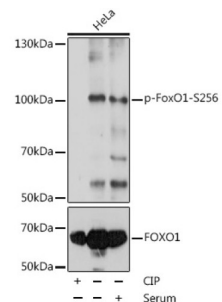


Forkhead Box Protein O1 Phospho-Ser256 (FOXO1 pS256) Antibody

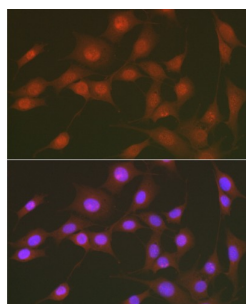
Catalogue No.: abx000224



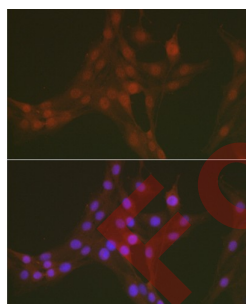
Western blot analysis of lysates from 293T cells, using Phospho-FoxO1-S256 Antibody. 293T were treated by CIP (20 μ l CIP for each 400 μ l cell lysate) at 37 °C for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Exposure time: 90s.



Western blot analysis of lysates from HeLa cells, using Phospho-FoxO1-S256 Antibody. HeLa cell lysate were treated by CIP (20 μ l CIP for each 400 μ l cell lysate) at 37 °C for 1 hour or treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight.. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Exposure time: 2s.



Western blot analysis of lysates from HeLa cells using Phospho-FoxO1-S256 Antibody at 1/1000 dilution. HeLa cells were treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using Phospho-FoxO1-S256 Antibody at dilution of 1/50. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

Forkhead Box Protein O1 Phospho-Ser256 (FOXO1 pS256) Antibody is a Rabbit Polyclonal antibody against Forkhead Box Protein O1 Phospho-Ser256 (FOXO1 pS256). 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.

Target:

Forkhead Box Protein O1 Phospho-Ser256 (FOXO1 pS256)

Datasheet

Version: 5.0.0
Revision date: 23 May 2025



Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around S256 of human FoxO1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q12778 (UniProt , ExPASy)
Gene Symbol:	FOXO1
GeneID:	2308
NCBI Accession:	NP_002006.2
KEGG:	hsa:2308
String:	9606.ENSP00000368880
Molecular Weight:	Calculated MW: 70 kDa Observed MW: 82 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.