

## FoxO1 (Phospho-Ser256) Polyclonal Antibody

Catalog No: #12198



Package Size: #12198-1 50ul #12198-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	FoxO1 (Phospho-Ser256) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Hu Ms Rt
Specificity	Phospho-FoxO1 (S256) Polyclonal Antibody detects endogenous levels of FoxO1 protein only when phosphorylated at S256.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human FoxO1 around the phosphorylation site of S256.
Target Name	FoxO1
Modification	Phospho
Other Names	FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma
Accession No.	Swiss-Prot: Q12778NCBI Gene ID: 2308
Target Species	human
SDS-PAGE MW	70kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1/500 - 1/2000

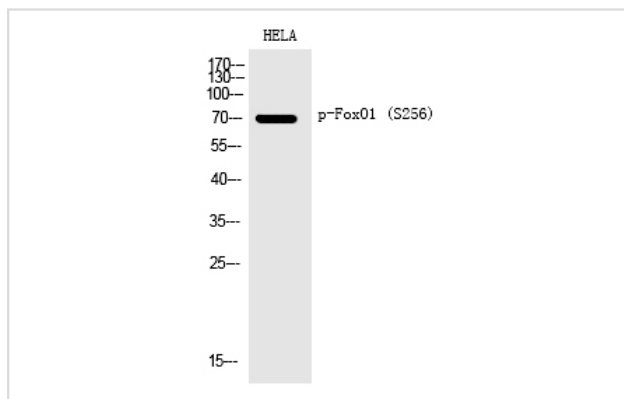
Immunohistochemistry: 1/100 - 1/300

Immunofluorescence: 1/200 - 1/1000

ELISA: 1/20000

Not yet tested in other applications

## Images



Western Blot analysis of HELA cells using Phospho-FoxO1 (S256) Polyclonal Antibody

## Published Papers

el at.,  $\beta$  Biqj $\beta$  • Bayberry Extract Promotes Skeletal Muscle Fiber Type Remodeling by Increasing Fast Myofiber Formation via the Akt/FoxO1 Pathway in Mice. *In Foods* 2023 Jul;13(7):1000. doi: 10.3390/foods13071000. PMID: 37444209, (2023)

[PMID:37444209](#)

el at., Kinsenoside attenuates liver fibro-inflammation by suppressing dendritic cells via the PI3K-AKT-FoxO1 pathway. *In Pharmacol Res* 2022 Mar;177:106001. doi: 10.1016/j.phrs.2022.106001. PMID: 35066108, (2022)

[PMID:35066108](#)

el at., Tanshinone IIA Attenuates Insulin Like Growth Factor 1 -Induced Cell Proliferation in PC12 Cells through the PI3K/Akt and MEK/ERK Pathways. *In Int J Mol Sci*. 2018 Sep 12;19(9):2302. doi: 10.3390/ijms19092302. PMID: 30213025, (2018)

[PMID:30213025](#)

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