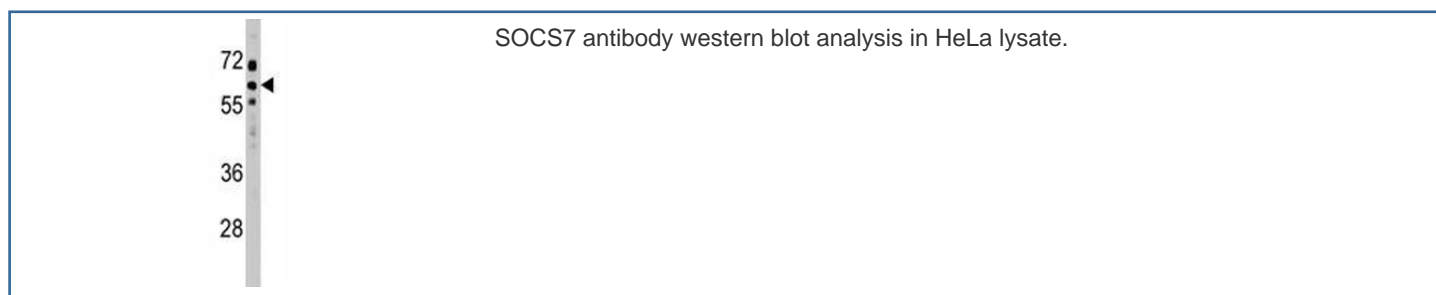


SOCS7 Antibody (F45339)

Catalog No.	Formulation	Size
F45339-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45339-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O14512
Applications	Western Blot : 1:1000
Limitations	This SOCS7 antibody is available for research use only.



Description

Regulates signaling cascades probably through protein ubiquitination and/or sequestration. Functions in insulin signaling and glucose homeostasis through IRS1 ubiquitination and subsequent proteasomal degradation. Inhibits also prolactin, growth hormone and leptin signaling by preventing STAT3 and STAT5 activation, sequestering them in the cytoplasm and reducing their binding to DNA. May be a substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).

Application Notes

Titration of the SOCS7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 458-486 from the human protein was used as the immunogen for this SOCS7 antibody.

Storage

Aliquot the SOCS7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.