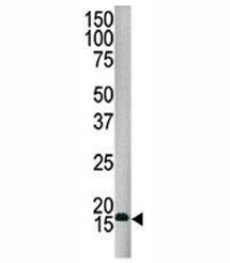
SUMO4 Antibody (F42349)

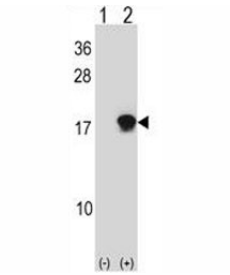
Catalog No.	Formulation	Size
F42349-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42349-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

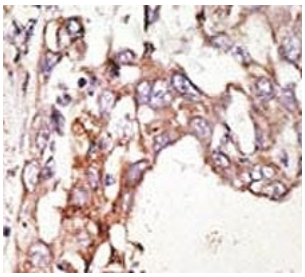
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q6EEV6
Applications	IHC (Paraffin): 1:50-1:100 Western blot: 1:1000
Limitations	This SUMO4 antibody is available for research use only.



Western blot analysis of SUMO4 antibody and HepG2 lysate. Observed molecular weight: 11-15 kDa.



Western blot analysis of SUMO4 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the SUMO4 gene.



IHC analysis of FFPE human hepatocarcinoma stained with the SUMO4 antibody

Description

Ubiquitin-like protein which can be covalently attached to target lysines as a monomer. Does not seem to be involved in protein degradation and may modulate protein subcellular localization, stability or activity. Upon oxidative stress, conjugates to various anti-oxidant enzymes, chaperones, and stress defense proteins. May also conjugate to NFKBIA, TFAP2A and FOS, negatively regulating their transcriptional activity, and to NR3C1, positively regulating its transcriptional activity. Covalent attachment to its substrates requires prior activation by the E1 complex SAE1-SAE2 and linkage to the E2 enzyme UBE2I. [UniProt]

Application Notes

Titration of the SUMO4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This SUMO4 antibody was produced from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human SUMO4.

Storage

Aliquot the SUMO4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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