

Phospho-SREBP1 (Ser439) Polyclonal Antibody

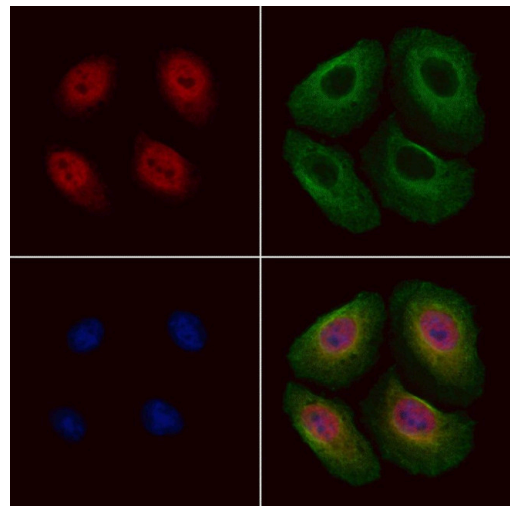
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human SREBF1(Accession P36956), corresponding to amino acid residues around phosphorylated Ser439.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2818304

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

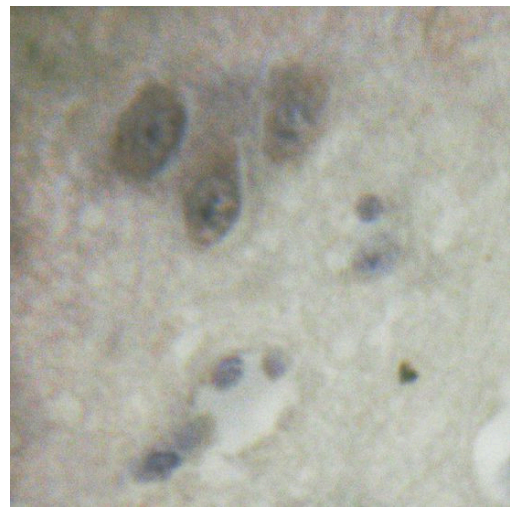
Antibody detects endogenous levels of SREBP1 only when phosphorylated at Serine 439.

Product Images For Phospho-SREBP1 (Ser439) Polyclonal Antibody



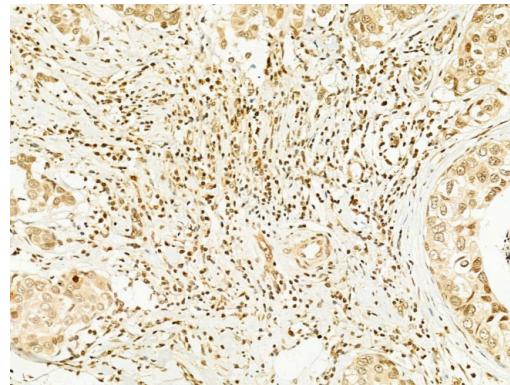
Phospho-SREBP1 (Ser439) Antibody (PA5-99371) in ICC/IF

Immunofluorescent analysis of Phospho-SREBP1 (Ser439) in HeLa cells(4h of LPS treatment). Samples were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100, blocked with 10% serum (45 min at 25°C), incubated with mouse anti-beta tubulin and Phospho-SREBP1 (Ser439) polyclonal antibody (Product # PA5-99371) using a dilution of 1:200 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) and goat anti-mouse IgG Alexa Fluor 488 (green).



Phospho-SREBP1 (Ser439) Antibody (PA5-99371) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-SREBP1 (Ser439) in human lung tissues sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-SREBP1 (Ser439) polyclonal antibody (Product # PA5-99371) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-SREBP1 (Ser439) Antibody (PA5-99371) in IHC (P)

Immunohistochemistry analysis of Phospho-SREBP1 (Ser439) in human mammary cancer. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. Samples were incubated with Phospho-SREBP1 (Ser439) polyclonal antibody (Product # PA5-99371) using a dilution of 1:100 (4°C overnight) followed by HRP conjugated anti-Rabbit secondary antibody.

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Western Blot (1)

Annals of translational medicine	Year 2021
Y-box binding protein 1 regulates liver lipid metabolism by regulating the Wnt/-catenin signaling pathway.	Species Mouse
"PA5-99371 was used in Western Blot, Immunohistochemistry to investigate how y-box binding protein 1 regulates liver lipid metabolism through the Wnt/-catenin signaling pathway."	Dilution 1:1000
Authors: Ma Z,Zhu Y,Wang Q,Deng M,Wang J,Li D,Gu L,Zhao R,Yan S	

Immunohistochemistry (1)

Annals of translational medicine	Year 2021
Y-box binding protein 1 regulates liver lipid metabolism by regulating the Wnt/-catenin signaling pathway.	Species Mouse
"PA5-99371 was used in Western Blot, Immunohistochemistry to investigate how y-box binding protein 1 regulates liver lipid metabolism through the Wnt/-catenin signaling pathway."	Dilution 1:1000
Authors: Ma Z,Zhu Y,Wang Q,Deng M,Wang J,Li D,Gu L,Zhao R,Yan S	

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