

Immunotag™ Phospho-SREBP-1 (Ser439) Antibody

Antibody Specification	
Catalog No.	ITA1054
Product Description	Immunotag™ Phospho-SREBP-1 (Ser439) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-SREBP-1 (Ser439)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SREBP-1 around the phosphorylation site of Serine 439
Specificity	Phospho-SREBP-1 (Ser439) Antibody detects endogenous levels of SREBP-1 only when phosphorylated at Serine 439
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SREBF1
Accession No.	P36956

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Alternate Names	ADD 1; bHLHd1; Class D basic helix-loop-helix protein 1; D630008H06; Processed sterol regulatory element-binding protein 1; SRBP1_HUMAN; SREBF 1; SREBF1; SREBP 1; SREBP 1c; SREBP-1; SREBP1; Sterol regulatory element binding protein 1; Sterol Regulatory Element Binding Transcription Factor 1 / Protein 1; Sterol regulatory element binding transcription factor 1; Sterol regulatory element-binding transcription factor 1;
Description	Transcriptional activator required for lipid homeostasis. Regulates transcription of the LDL receptor gene as well as the fatty acid and to a lesser degree the cholesterol synthesis pathway (By similarity). Binds to the sterol regulatory element 1 (SRE-1) (5'-ATCACCCCAC-3'). Has dual sequence specificity binding to both an E-box motif (5'-ATCACGTGA-3') and to SRE-1 (5'-ATCACCCCAC-3').
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	122kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.