

S2P rabbit pAb

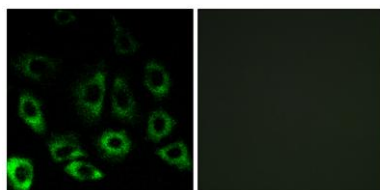
Cat#: orb769393 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	S2P rabbit pAb
Host species	Rabbit
Applications	WB;IP;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MBTPS2. AA range:301-350
Specificity	S2P Polyclonal Antibody detects endogenous levels of S2P protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Membrane-bound transcription factor site-2 protease
Gene Name	MBTPS2
Cellular localization	Membrane ; Multi-pass membrane protein . Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	
Human Gene ID	51360
Human Swiss-Prot Number	O43462
Alternative Names	MBTPS2; S2P; Membrane-bound transcription factor site-2 protease; Endopeptidase S2P; Sterol regulatory element-binding proteins intramembrane protease; SREBPs intramembrane protease

Background This gene encodes a intramembrane zinc metalloprotease, which is essential in development. This protease functions in the signal protein activation involved in sterol control of transcription and the ER stress response. Mutations in this gene have been associated with ichthyosis follicularis with atrichia and photophobia (IFAP syndrome); IFAP syndrome has been quantitatively linked to a reduction in cholesterol homeostasis and ER stress response.[provided by RefSeq, Aug 2009],



Immunofluorescence analysis of A549 cells, using MBTPS2 Antibody. The picture on the right is blocked with the synthesized peptide.