

MBTPS2 Antibody

Catalog No: #34784

Package Size: #34784-1 50ul #34784-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

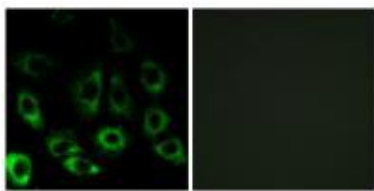
Description

Product Name	MBTPS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MBTPS2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MBTPS2.
Target Name	MBTPS2
Other Names	Membrane-bound transcription factor site-2 protease; EC 3.4.24.85; S2P endopeptidase; Site-2 protease; Sterol regulatory element-binding proteins intramembrane protease
Accession No.	Swiss-Prot: O43462NCBI Gene ID: 51360
Uniprot	O43462
GeneID	51360;
SDS-PAGE MW	58kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunofluorescence: 1:100~1:500

Images



Immunofluorescence analysis of A549 cells, using MBTPS2 antibody #34784.

Background

Intramembrane proteolysis of sterol-regulatory element-binding proteins (SREBPs) within the first transmembrane segment thereby releasing the N-terminal segment with a portion of the transmembrane segment attached. Site-2 cleavage comes after site-1 cleavage which takes place in the luminal loop.

Rawson R.B., Mol. Cell 1:47-57(1997).

Ye J., Proc. Natl. Acad. Sci. U.S.A. 97:5123-5128(2000).

Note: This product is for in vitro research use only