

Product datasheet for **AP52627PU-N**

S2P (MBTPS2) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 14-44 amino acids from the N-terminal region of human MBTPS2
Specificity:	This antibody recognizes Human MBTPS2 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	membrane bound transcription factor peptidase, site 2
Database Link:	Entrez Gene 51360 Human O43462



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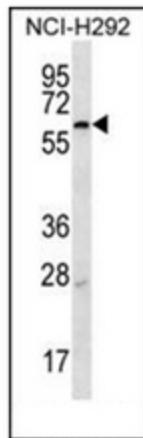
Background: This gene encodes a intramembrane zinc metalloprotease, which is essential in development. This protease functions in the signal protein activation involved in sterol control of transcription and the ER stress response. Mutations in this gene have been associated with ichthyosis follicularis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

Synonyms: Site-2 protease, S2P endopeptidas, S2P

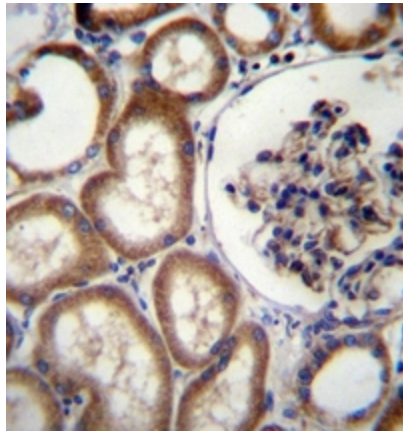
Note: **Molecular Weight:** 57444 Da

Protein Families: Druggable Genome, Protease, Transmembrane

Product images:



Western blot analysis of MBTPS2 Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MBTPS2 antibody detected the MBTPS2 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with MBTPS2 Antibody (N-term), which peroxidase conjugated to the secondary antibody and was followed by AB staining.