

SELM Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20147b

Specification

SELM Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O8WWX9
Other Accession	NP_536355.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	16232
Antigen Region	117-145

SELM Antibody (C-term) - Additional Information

Gene ID 140606

Other Names

Selenoprotein M, SelM, SELM, SEPM

Target/Specificity

This SELM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 117-145 amino acids from the C-terminal region of human SELM.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SELM Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SELM Antibody (C-term) - Protein Information

Name SELENOM {ECO:0000303|PubMed:27645994, ECO:0000312|HGNC:HGNC:30397}

Function May function as a thiol-disulfide oxidoreductase that participates in disulfide bond formation.

Cellular Location

Cytoplasm, perinuclear region. Endoplasmic reticulum. Golgi apparatus. Note=Localized to perinuclear structures corresponding to Golgi and endoplasmic reticulum

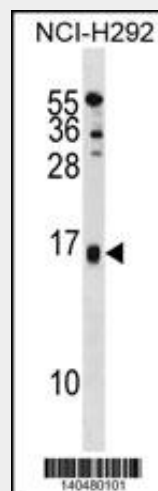
Tissue Location

Widely expressed..

SELM Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SELM Antibody (C-term) - Images

SELM Antibody (C-term) (Cat. #AP20147b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SELM antibody detected the SELM protein (arrow).

SELM Antibody (C-term) - Background

This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This gene is expressed in a variety of tissues, and the protein is localized to the perinuclear structures. [provided by RefSeq].

SELM Antibody (C-term) - References

Korotkov, K.V., et al. Mol. Cell. Biol. 22(5):1402-1411(2002)