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

Specification

SELM Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8WWX9
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
E~~Use at an assay dependent concentration.

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

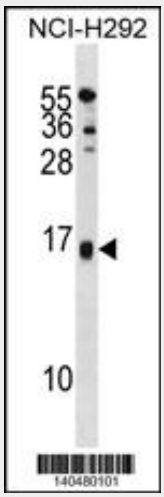
Tissue Location
Widely expressed..

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 Cytomety
- 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].

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SELM Antibody (C-term) - References

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