

**Selenoprotein M Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57604****Specification****Selenoprotein M Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q8WWX9</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Selenoprotein M
Epitope Specificity	24-100/145
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm; perinuclear region. Endoplasmic reticulum Probable. Golgi apparatus Probable. Note: Localized to perinuclear structures corresponding to Golgi and endoplasmic reticulum.
SIMILARITY	Belongs to the selenoprotein M/SEP15 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

Selenoprotein M is widely expressed and expressed highly in the mammalian brain. It is localized to the perinuclear structures (Golgi/ER). A growing body of evidence relates selenium to cancer prevention, immune system function, male fertility, cardiovascular disorder, control of the aging and neurodegenerative process. Selenoproteins are thought to be responsible for the majority of these biomedical effects of selenium. Approximately 17 selenoproteins have been identified until now. Although the function of many selenoproteins are unknown, some play important roles in antioxidant mechanisms. It has been also implicated in the regulation of signaling pathways through catalysis of thiol/disulfide exchange. The roles of Selenoprotein M have not been clearly identified until present time.

**Selenoprotein M Polyclonal Antibody - Additional Information****Gene ID** 140606**Other Names**

Selenoprotein M, SelM, SELENOM {ECO:0000303|PubMed:27645994, ECO:0000312|HGNC:HGNC:30397}

**Dilution**

IHC-P ~ N/A  
IHC-F ~ N/A  
IF ~ 1:50 ~ 200  
ICC ~ N/A  
E ~ N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Selenoprotein M Polyclonal Antibody - 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..

**Selenoprotein M Polyclonal Antibody - 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](#)

**Selenoprotein M Polyclonal Antibody - Images**