

## Product datasheet for **TA322292**

### **SELS (SELENOS) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm, Endoplasmic reticulum membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 98-112 amino acids of human VCP-interacting membrane protein
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	VCP interacting membrane selenoprotein
Database Link:	<a href="#">NP_060915</a> <a href="#">Entrez Gene 109815 Mouse</a> <a href="#">Entrez Gene 286900 Rat</a> <a href="#">Entrez Gene 55829 Human</a> <a href="#">Q9BQE4</a>

**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. Studies suggest that this protein may regulate cytokine production; and thus play a key role in the control of the inflammatory response. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

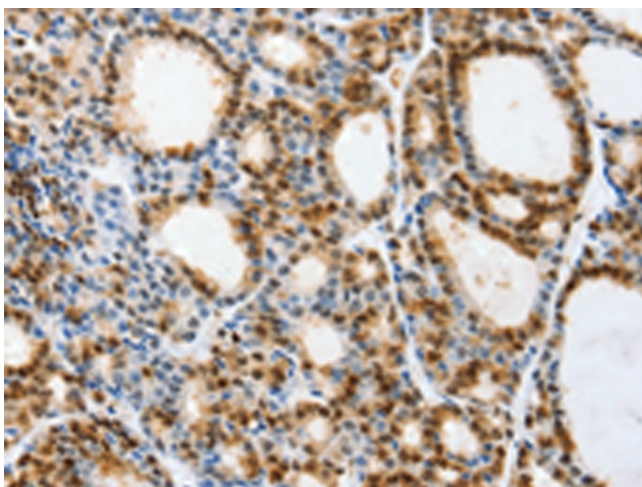


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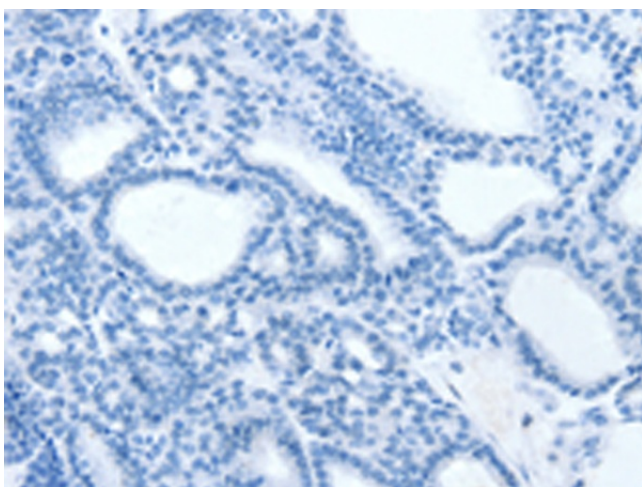
Synonyms: AD-015; ADO15; SBB18; SELS; SEPS1

Protein Families: Druggable Genome

### Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322292 (SELENOS Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322292 (SELENOS Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )