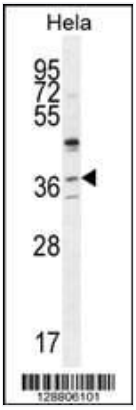
SELV Antibody – Rabbit Polyclonal

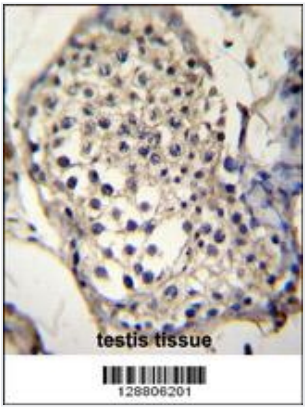
PRODUCT OVERVIEW

Product Name	SELV, Polyclonal Antibody
Full Product Name	SELV, CT (SELV, Selenoprotein V) (APC)
Product Gene Name	anti-SELV antibody
Product Synonym Names	SELV; Selenoprotein V
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	36,800 Da
OMIM	607919
3D Structure	ModBase 3D Structure for P59797
Immunogen	SELV antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-332 amino acids from the C-terminal region of human SELV.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-SELV antibody	Antibodies; Selenoprotein
Applications Tested/Suitable for anti-SELV antibody	Flow Cytometry (FC/FACS), FLISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-SELV antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IF: 1:10-50 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-SELV antibody	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.
Product References and Citations for anti-SELV antibody	Kryukov, G.V., et al. Science 300(5624):1439-1443(2003).

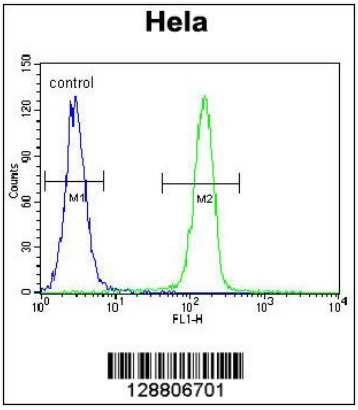
Other Notes	Small volumes of anti-SELV antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SELV purchase	MBS6345955 is an antibody targeting SELV. Also known as SELV, CT (SELV, Selenoprotein V) (APC). Reactive in Human. Host: Rabbit.



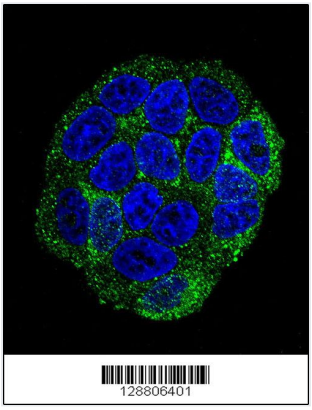
Western Blot (WB) of anti-SELV antibody
SELV Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the SELV antibody detected the SELV protein (arrow).



Immunohistochemistry (IHC) of anti-SELV antibody
SELV Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SELV Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-SELV antibody
SELV Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence (IF) of anti-SELV antibody
Confocal immunofluorescent analysis of SELV Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SELV. It may not necessarily be applicable to this product.

NCBI GI #	33186895
NCBI GeneID	348303
NCBI Accession #	NP_874363.1
UniProt Primary Accession #	P59797
UniProt Secondary Accession #	Q17RG5
UniProt Related Accession #	P59797
GenBank Nucleotide #	NM_182704.1
NCBI Official Full Name	selenoprotein V isoform 1

NCBI Official Synonym Full Names	selenoprotein V
NCBI Official Symbol	SELENOV
NCBI Official Synonym Symbols	SELV
UniProt Protein Name	Selenoprotein V
Protein Family	Selenoprotein
UniProt Gene Name	SELENOV
UniProt Synonym Gene Names	SelV
NCBI Protein Information	selenoprotein V
NCBI Summary for SELV	This gene encodes a selenoprotein containing a selenocysteine (Sec) residue, which is encoded by the UGA codon that normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, the Sec insertion sequence (SECIS) element, which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This protein is specifically expressed in the testis. It belongs to the SelWTH family, which possesses a thioredoxin-like fold and a conserved CxxU (C is cysteine, U is Sec) motif, suggesting a redox function for this gene. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Apr 2017]
UniProt Comments for SELV	May be involved in a redox-related process.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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