Datasheet for ABIN954718

anti-Selenoprotein V antibody (C-Term)

4 Images

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Overview

Quantity:	0.4 mL
Target:	Selenoprotein V (SELV)
Binding Specificity:	AA 303-332, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Selenoprotein V antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 303-332 amino acids from the C-terminal region of Human SELV Genename: SELV
Isotype:	Ig Fraction
Specificity:	Recognizes SELV (C-term).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	Selenoprotein V (SELV)
Abstract:	SELV Products

Target Details

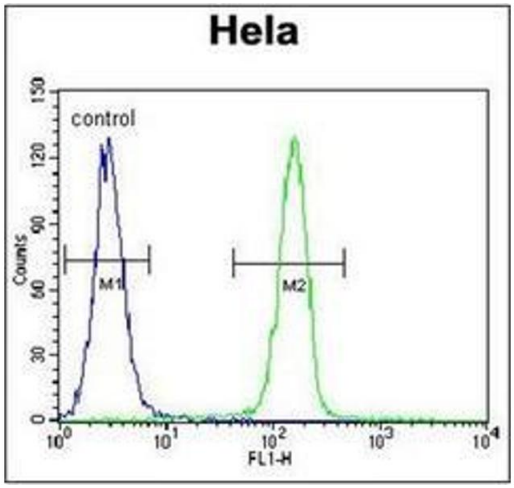
Background:	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal.
Gene ID:	348303
NCBI Accession:	NP_874363

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

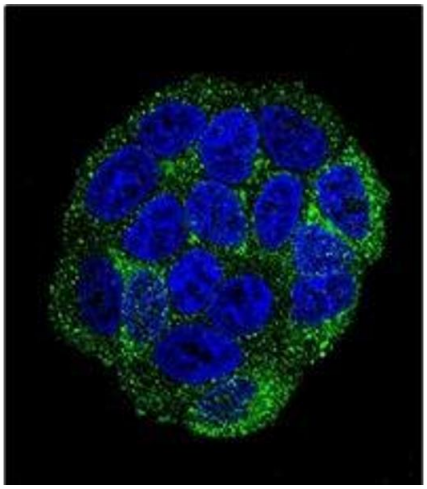
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



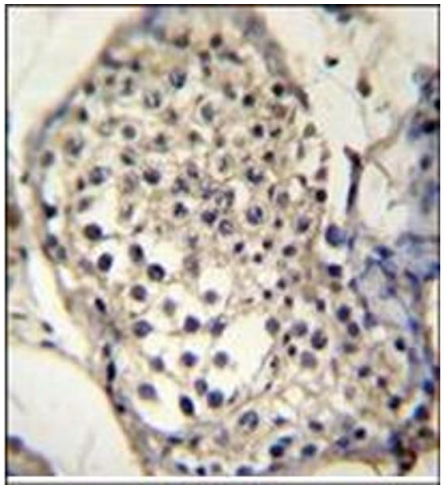
Flow Cytometry

Image 1. Flow Cytometric analysis of Hela cells using SELV Antibody (C-term) Cat.-No AP53843PU-N (Right histogram) compared to a negative control cell (Left histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal Immunofluorescent analysis of SELV Antibody (C-term) Cat.-No AP53843PU-N with Hela cell followed by Alexa Fluor 488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human testis tissue stained with SELV antibody (C-term) 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.

Please check the product details page for more images. Overall 4 images are available for ABIN954718.