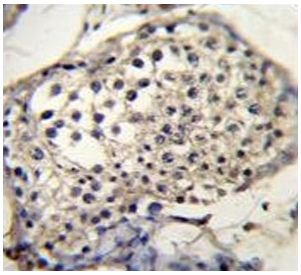
Selenoprotein V Antibody / SELENOV / SELV (F54593)

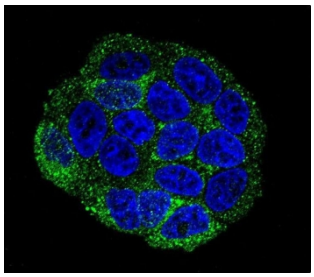
Catalog No.	Formulation	Size
F54593-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54593-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

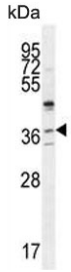
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P59797
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunofluorescence : 1:25 Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25
Limitations	This Selenoprotein V antibody is available for research use only.



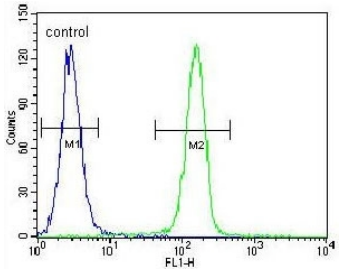
IHC testing of FFPE human testis tissue with Selenoprotein V antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HeLa cells with Selenoprotein V antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human HeLa cell lysate with Selenoprotein V antibody. Predicted molecular weight ~37 kDa.



Flow cytometry testing of human HeLa cells with Selenoprotein V antibody; Blue=isotype control, Green= Selenoprotein V antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Selenoprotein V antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 296-324 from the human protein was used as the immunogen for the Selenoprotein V antibody.

Storage

Aliquot the Selenoprotein V antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.