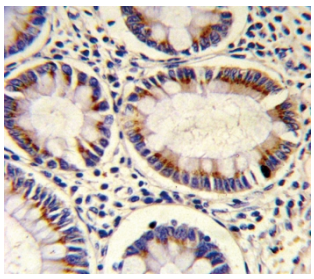
SORBS2 Antibody / ARGBP2 (F54906)

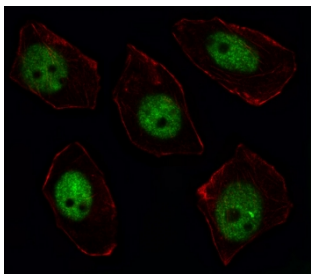
Catalog No.	Formulation	Size
F54906-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54906-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

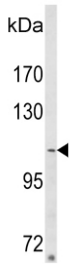
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O94875
Applications	Western Blot : 1:500-1:1000 Immunofluorescence : 1:10-1:50 Immunohistochemistry (FFPE) : 1:10-1:50 Flow Cytometry : 1:10-1:50 (1x10e6 cells)
Limitations	This SORBS2 antibody is available for research use only.



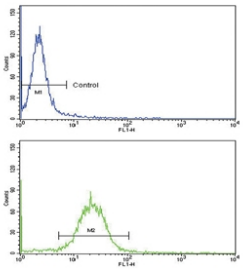
IHC testing of FFPE human colon carcinoma tissue with SORBS2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human U-251 cells with SORBS2 antibody (green) and anti-Actin (red).



Western blot testing of human MDA-MB-231 cell lysate with SORBS2 antibody. Predicted molecular weight ~124 kDa.



Flow cytometry testing of fixed and permeabilized human MDA-MB-231 cells with SORBS2 antibody; Blue=isotype control, Green= SORBS2 antibody.

Description

Arg and c-Abl represent the mammalian members of the Abelson family of non-receptor protein-tyrosine kinases. They interact with the Arg/Abl binding proteins via the SH3 domains present in the carboxy end of the latter group of proteins. ARGBP2 is the sorbin and SH3 domain containing 2 protein. It has three C-terminal SH3 domains and an N-terminal sorbin homology (SoHo) domain that interacts with lipid raft proteins. The subcellular localization of this protein in epithelial and cardiac muscle cells suggests that it functions as an adapter protein to assemble signaling complexes in stress fibers, and that it is a potential link between Abl family kinases and the actin cytoskeleton.

Application Notes

The stated application concentrations are suggested starting points. Titration of the SORBS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 175-204 from the human protein was used as the immunogen for the SORBS2 antibody.

Storage

Aliquot the SORBS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.