
Product Name: StARD13 Rabbit Polyclonal Antibody**Catalog #: APRab18342**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	125kDa

Antigen Information

Gene Name	STARD13
Alternative Names	STARD13; DLC2; GT650; StAR-related lipid transfer protein 13; 46H23.2; Deleted in liver cancer 2 protein; DLC-2; Rho GTPase-activating protein; START domain-containing protein 13; StARD13
Gene ID	90627.0
SwissProt ID	Q9Y3M8
Immunogen	The antiserum was produced against synthesized peptide derived from human STA13. AA range:101-150

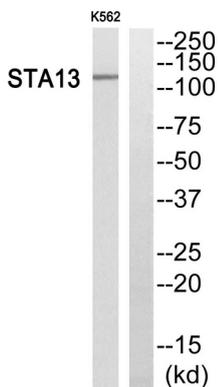
Background

This gene encodes a protein which contains an N-terminal sterile alpha motif (SAM) for protein-protein interactions, followed by an ATP/GTP-binding motif, a GTPase-activating protein (GAP) domain, and a C-terminal STAR-related lipid transfer (START) domain. It may be involved in regulation of cytoskeletal reorganization, cell proliferation, and cell motility, and acts as a tumor suppressor in hepatoma cells. The gene is located in a region of chromosome 13 that is associated with loss of heterozygosity in hepatocellular carcinomas. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011],function:GTPase-activating protein for RhoA, and perhaps for Cdc42. May be involved in regulation of cytoskeletal reorganization, cell proliferation and cell motility. Acts a tumor suppressor in hepatocellular carcinoma cells.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 1 START domain.,subunit:Homodimer. Interacts with TAX1BP1.,tissue specificity:Ubiquitously expressed. Underexpressed in hepatocellular carcinoma cells and some breast cancer cell lines.,

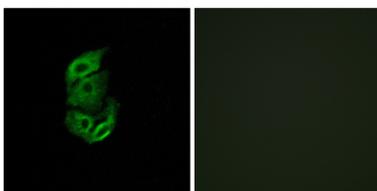
Research Area

Epigenetics and Nuclear Signaling; Transcription; Cancer susceptibility; Tumor Suppressors; Cell Biology; Other Antibodies

Image Data



Western blot analysis of STA13 Antibody. The lane on the right is blocked with the STA13 peptide.



Immunofluorescence analysis of A549 cells, using STA13 Antibody. The picture on the right is blocked with the synthesized peptide.