



StARD13 Polyclonal Antibody

Catalog No	YP-Ab-00737
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA;IHC
Gene Name	STARD13
Immunogen	The antiserum was produced against synthesized peptide derived from human STA13. AA range:101-150
Specificity	StARD13 Polyclonal Antibody detects endogenous levels of StARD13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Rho GTPase activating protein;GT650;DLC-2;DLC2;DLC 2;StARD13;StAR-related lipid transfer protein 13;46H23.2;Deleted in liver cancer 2 protein;Rho GTPase-activating protein;START domain-containing protein 13
Observed Band	125kD
Calculated Molecular Weight	125kD
Cell Pathway	Cytoplasm. Membrane; Peripheral membrane protein; Cytoplasmic side. Mitochondrion membrane; Peripheral membrane protein; Cytoplasmic side. Lipid droplet.
Tissue Specificity	Ubiquitously expressed. Underexpressed in hepatocellular carcinoma cells and some breast cancer cell lines.
Function	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.,

**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],

matters needing attention

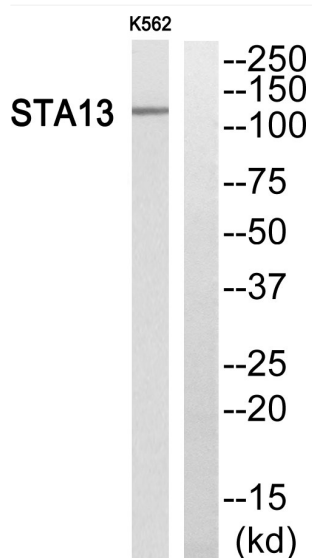
Avoid repeated freezing and thawing!

Usage suggestions

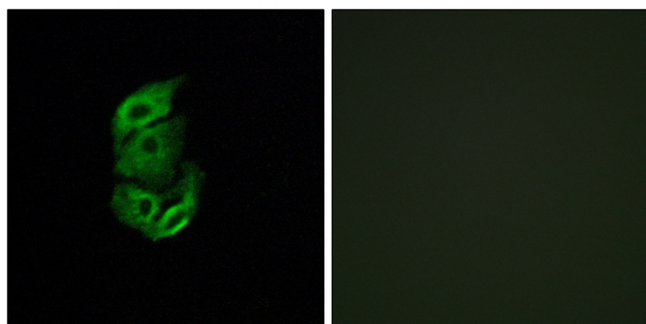
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



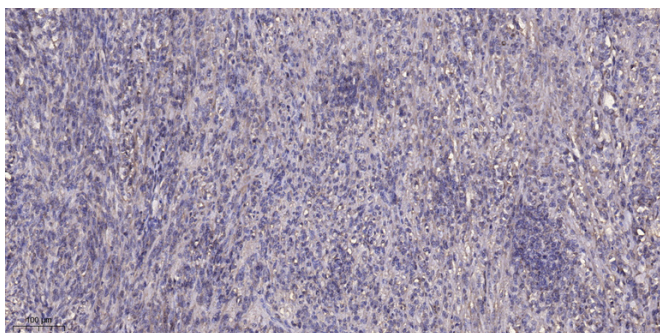
Products Images



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.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).