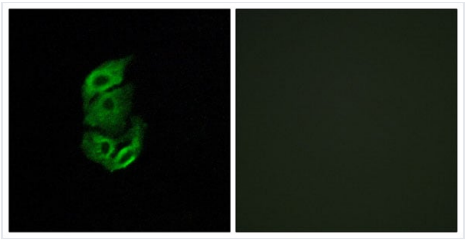
STA13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STA13, Polyclonal Antibody
Full Product Name	STA13 Antibody
Product Gene Name	anti-STA13 antibody
Product Synonym Gene Name	STARD13
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	STA13 Antibody detects endogenous levels of total STA13 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	124 kDa
OMIM	AY082589 mRNA
3D Structure	ModBase 3D Structure for Q9Y3M8
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human STA13.
Immunogen Range	101-150
Applications Tested/Suitable for anti-STA13 antibody	Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-STA13 antibody	IF: 1:100~1:500 ELISA: 1:1000
Related Product Information for anti-STA13 antibody	MBS9505564 is an antibody targeting STA13. Also known as STA13 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-STA13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunofluorescence (IF) of anti-STA13 antibody
Immunofluorescence analysis of A549 cells, using STA13 Antibody. The picture on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STA13. It may not necessarily be applicable to this product.

NCBI GI #	343478259
NCBI GeneID	90627
NCBI Accession #	NP_001230395.1
UniProt Primary Accession #	Q9Y3M8
UniProt Secondary Accession #	Q5HYH1; Q5TAE3; Q6UN61; Q86TP6; Q86WQ3; Q86XT1; A2A309; A2A310
UniProt Related Accession #	Q9Y3M8
GenBank Nucleotide #	NM_001243466.1
NCBI Official Full Name	stAR-related lipid transfer protein 13 isoform 5
NCBI Official Synonym Full Names	StAR related lipid transfer domain containing 13
NCBI Official Symbol	STARD13
NCBI Official Synonym Symbols	DLC2; GT650; ARHGAP37; LINC00464
UniProt Protein Name	StAR-related lipid transfer protein 13
UniProt Synonym Protein Names	46H23.2; Deleted in liver cancer 2 protein; DLC-2; Rho GTPase-activating protein; START domain-containing protein 13; StARD13
UniProt Gene Name	STARD13
UniProt Synonym Gene Names	DLC2; GT650; DLC-2; StARD13
NCBI Protein Information	stAR-related lipid transfer protein 13
NCBI Summary for STA13	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]
UniProt Comments for STA13	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.
Research Articles on STA13	**1.** miR-125b functions as an oncogene in gastric cancer and represents a new potential therapeutic target for gastric cancer.
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