

Anti-StARD13 antibody ab126489

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Overview

Product name	Anti-StARD13 antibody
Description	Rabbit polyclonal to StARD13
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen sequence: NPVMLDAPLV SSSLPQPPRD VLNHPFHPKN EKPTRARAKS FLKRMETLRG KGAHGRHKGS GRTGGLVISG PMLQQEPESF KAMQCIQIPN GDLQNSPPPA CRKGLPC, corresponding to amino acids of Human StARD13. Run BLAST with Expasy Run BLAST with NCBI
Positive control	Human pancreas tissue; U251 MG and Human liver tissue lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab126489 in the following tested applications.

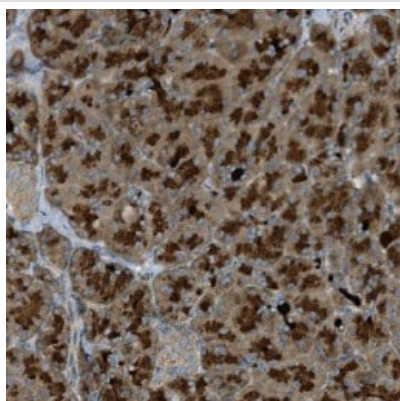
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/250 - 1/500. Predicted molecular weight: 125 kDa.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

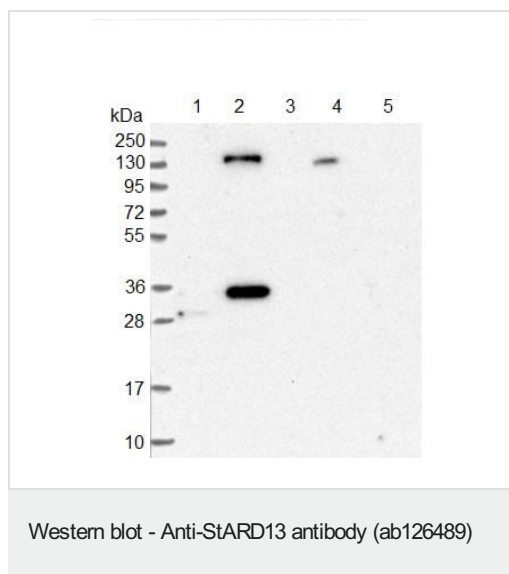
Function	GTPase-activating protein for RhoA, and perhaps for Cdc42. May be involved in regulation of cytoskeletal reorganization, cell proliferation and cell motility. Acts a tumor suppressor in hepatocellular carcinoma cells.
Tissue specificity	Ubiquitously expressed. Underexpressed in hepatocellular carcinoma cells and some breast cancer cell lines.
Sequence similarities	Contains 1 Rho-GAP domain. Contains 1 SAM (sterile alpha motif) domain. Contains 1 START domain.
Cellular localization	Cytoplasm. Membrane. Mitochondrion membrane. Lipid droplet.

Images



ab126489 at 1/200 dilution staining StARD13 in paraffin-embedded Human pancreas tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-StARD13 antibody (ab126489)



All lanes : Anti-StARD13 antibody (ab126489) at 1/250 dilution

Lane 1 : RT4 cell lysate

Lane 2 : U251 MG cell lysate

Lane 3 : Human plasma lysate

Lane 4 : Human liver tissue lysate

Lane 5 : Human tonsil tissue lysate

Developed using the ECL technique.

Predicted band size: 125 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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