

Datasheet for ABIN2854803

anti-SCARA3 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SCARA3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SCARA3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to SCARA3 (scavenger receptor class A, member 3) SCARA3 antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SCARA3
Alternative Name:	scavenger receptor class A member 3 (SCARA3 Products)

Target Details

Background: This gene encodes a macrophage scavenger receptor-like protein. This protein has been shown to deplete reactive oxygen species, and thus play an important role in protecting cells from oxidative stress. The expression of this gene is induced by oxidative stress. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Cellular Localization: Endoplasmic reticulum membrane, Single-pass type II membrane protein , Golgi apparatus membrane, Single-pass type II membrane protein

Molecular Weight: 65 kDa

Gene ID: 51435

UniProt: [Q6AZY7](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.78 mg/mL

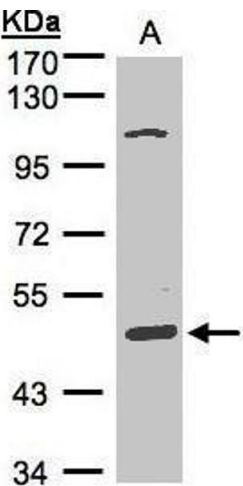
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

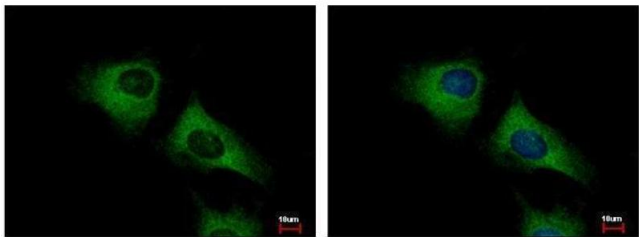
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



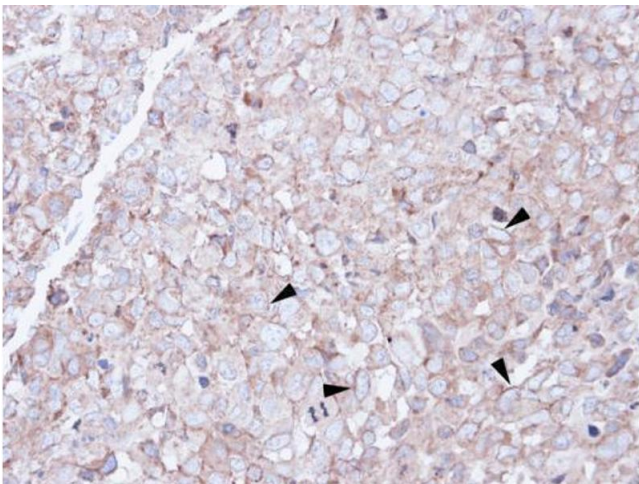
Western Blotting

Image 1. WB Image Sample(30 µg of whole cell lysate)
A:Hep G2, 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 2. ICC/IF Image SCARA3 antibody [N2C2], Internal detects SCARA3 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in -20°C 100% MeOH for 5 min. Green: SCARA3 protein stained by SCARA3 antibody [N2C2], Internal, diluted at 1:500. Blue: Hoechst 33343 staining.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded CL1-0 xenograft, using SCARA3, antibody at 1:100 dilution.