

Rabbit anti-Human SCARA5 Polyclonal Antibody | anti-SCARA5 antibody

Anti-SCARA5 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256048	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

SCARA5; Polyclonal Antibody; Anti-SCARA5 Antibody; Rabbit Polyclonal; SCARA5 Antibody; Rabbit PAb; Antigen Affinity Purified; scavenger receptor class A; member 5; Anti-NET33 Antibody; Anti-Tesr Antibody; anti-SCARA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SCARA5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SCARA5 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SCARA5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SCARA5 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SCARA5 in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human SCARA5 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human SCARA5 in human adrenal gland with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SCARA5 antibody	Scavenger receptor class A member 5 (SCARA5) is a candidate anti-oncogene in several malignancies. SCARA5 inhibits lymphangiogenesis by downregulating VEGF-C, thereby inhibiting breast cancer lymphatic metastasis. SCARA5 is an important regulator of biological processes in cancer cells. SCARA5 is a member of the class A scavenger receptors, with the most similarity to SCARA1 (SR-A) and SCARA2 (MARCO), which are primarily expressed by macrophages and dendritic cells, in which they participate in the clearance of various polyanionic macromolecules, pollution particles, and pathogens. SCARA5 is a new member of the Class A scavenger receptors that has been proposed recently as a novel candidate tumor suppressor gene in human hepatocellular carcinoma. SCARA5 might be a promising target for the development of new antimetastatic agents for the gene therapy of cancer.
References	You K, et al. (2017) Scara5 plays a critical role in the progression and metastasis of breast cancer by inactivating the erk1/2, stat3, and akt signaling pathways. Mol Cell Biochem 435 (1-2): 47-58.Yan N, et al. (2012) Therapeutic upregulation of class a scavenger receptor member 5 inhibits tumor growth and metastasis. Cancer Sci 103 (9): 1631-1639.Wen X, et al. (2016) Overexpression of scara5 inhibits tumor proliferation and invasion in osteosarcoma via suppression of the fak signaling pathway. Mol Med Rep 13 (3): 2885-2891.Ojala JR, et al. (2013) Progressive reactive lymphoid connective tissue disease and development of autoantibodies in scavenger receptor a5-deficient mice. Am J Pathol 182 (5): 1681-1695.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scara5-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256048>