

Rabbit anti-Human SDF4 Polyclonal Antibody | anti-SDF4 antibody

Anti-SDF4 Antibody, Rabbit Polyclonal

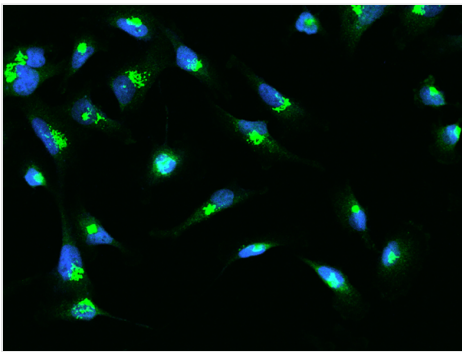
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256530	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

SDF4; Polyclonal Antibody; Anti-SDF4 Antibody; Rabbit Polyclonal; SDF4 Antibody; Rabbit PAb; Antigen Affinity Purified; stromal cell derived factor 4; Anti-Cab45 Antibody; Anti-SDF-4 Antibody; anti-SDF4 antibody

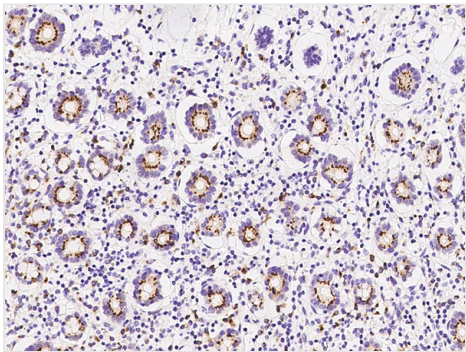
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SDF4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SDF4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SDF4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SDF4 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.



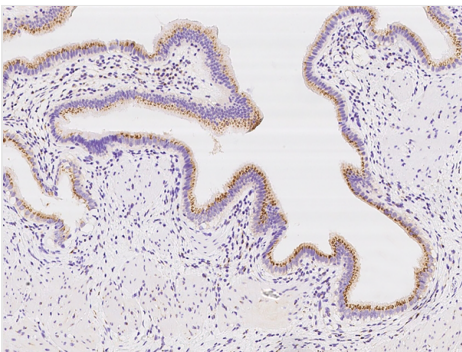
IF (Immunofluorescence)

Immunofluorescence staining of SDF4 in U251MG 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 SDF4 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human SDF4 in human small intestine with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SDF4 in human gallbladder with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SDF4 antibody	SDF4 (Stromal Cell Derived Factor 4) is a Protein Coding gene. The SDF4 gene, located on 1p36.33, is conserved in Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, and frog. This gene encodes a stromal cell-derived factor that is a member of the CREC protein family. The encoded protein contains six EF-hand motifs and calcium-binding motifs. This protein localizes to the Golgi lumen and may be involved in regulating calcium-dependent cellular activities. SDF4 is widely expressed in the colon, kidney, and other tissues. Diseases associated with SDF4 include Shrimp Allergy and Crustacean Allergy. 236 organisms have orthologs with the human gene SDF4.
References	Koivu T, et al. (1997) Sequence of a human cdna encoding cab45, a ca2+-binding protein with six ef-hand motifs. DNA Seq 7 (3-4): 217-220.Crevenna AH, et al. (2016) Secretory cargo sorting by ca2+-dependent cab45 oligomerization at the trans-golgi network. J Cell Biol 213 (3): 305-314.Chen L, et al. (2016) Cab45s promotes cell proliferation through serca2b inhibition and ca2+ signaling. Oncogene 35 (1): 35-46.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.