

Rabbit anti-Human SCFD1 Polyclonal Antibody | anti-SCFD1 antibody

Anti-SCFD1 Antibody, Rabbit Polyclonal

CATALOG # AAA256403	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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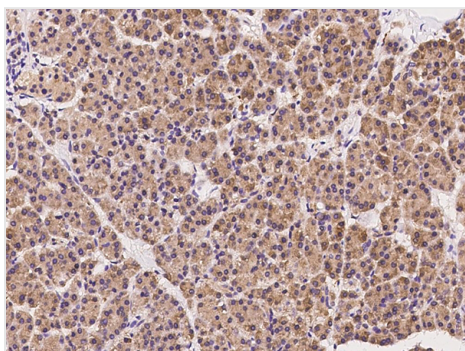
PRODUCT SYNONYMS

SCFD1; Polyclonal Antibody; Anti-SCFD1 Antibody; Rabbit Polyclonal; SCFD1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C14orf163 Antibody; Anti-RA410 Antibody; Anti-SLY1 Antibody; Anti-SLY1P Antibody; Anti-STXBP1L2 Antibody; anti-SCFD1 antibody

PRODUCT SPECIFICATIONS

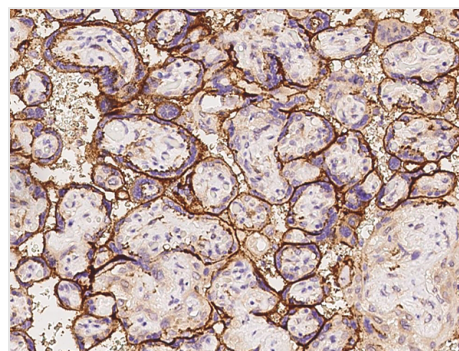
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SCFD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SCFD1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SCFD1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SCFD1 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



IHC (Immunohistochemistry)

Immunochemical staining of human SCFD1 in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SCFD1 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SCFD1 antibody	Sec1/Munc18-like (SM) proteins, such as SCFD1, are soluble, peripheral membrane proteins that function in distinct intracellular transport steps and interact directly with soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs) involved in membrane fusion. Interaction between SCFD1 and the conserved oligomeric Golgi tethering (COG) complex is required for pairing of SNAREs involved in intra-Golgi transport and consequently for Golgi-to-endoplasmic reticulum (ER) retrograde transport. Rat Ra410 contains a consensus sequence associated with vesicle transport-related factors and shares 38% homology with the yeast vesicle transport-related factor Sly1. The SCFD1 gene is associated with amyotrophic lateral sclerosis (ALS).
References	Matsuo N, et al. (1997) Cloning of a putative vesicle transport-related protein, ra410, from cultured rat astrocytes and its expression in ischemic rat brain. J Biol Chem 272 (26): 16438-16444.Laufman O, et al. (2009) Direct interaction between the cog complex and the sm protein, sly1, is required for golgi snare pairing. Embo j 28 (14): 2006-2017.Chen Y, et al. (2018) An association study between scfd1 rs10139154 variant and amyotrophic lateral sclerosis in a chinese cohort. Amyotroph Lateral Scler Frontotemporal Degener 19 (5-6): 413-418.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scfd1-antibody-immunohistochemistry-elisa/256403>