

Rabbit SCFD1 Polyclonal Antibody | anti-SCFD1 antibody

SCFD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325100	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

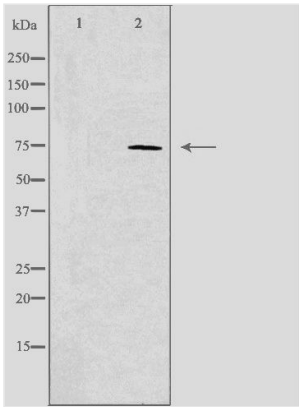
PRODUCT SYNONYMS

SCFD1; Polyclonal Antibody; SCFD1 Antibody; C14orf163; Chromosome 14 open reading frame 163; RA410; Scfd1; SCFD1_HUMAN; Sec1 family domain containing 1; Sec1 family domain-containing protein 1; SLY1; SLY1 homolog; Sly1p; STXBP1L2; Syntaxin binding protein 1 like 2; Syntaxin-binding protein 1-like 2; Vesicle transport related protein; anti-SCFD1 antibody

PRODUCT SPECIFICATIONS

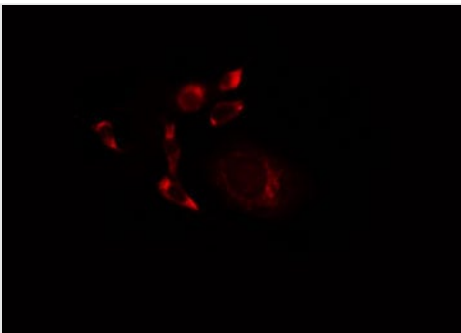
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SCFD1 antibody detects endogenous levels of total SCFD1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	550
Applicable Applications for anti-SCFD1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Endoplasmic Reticulum Membrane. Golgi Apparatus > Golgi Stack Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using SCFD1 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325100 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SCFD1 antibody

Function: Plays a role in SNARE-pin assembly and Golgi-to-ER retrograde transport via its interaction with COG4. Involved in vesicular transport between the endoplasmic reticulum and the Golgi (By similarity). Subunit Structure: Interacts with STX17. Interacts with STX5A. Interacts with the COG complex via COG4 (By similarity). Similarity: Belongs to the STXBP/unc-18/SEC1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	383792154
NCBI GeneID	23256
NCBI Accession #	NP_001244305.1
NCBI GenBank Nucleotide #	NM_001257376.1
UniProt Accession #	Q8WVM8; O60754; O94990; Q7Z529; Q9BZI3; Q9UNL3; Q9Y6A8; A8K2Z5; B7Z4U7; B7Z594
Molecular Weight	Observed: 75 kD Predicted: 73 kDa
NCBI Official Full Name	sec1 family domain-containing protein 1 isoform c
NCBI Official Synonym Full Names	sec1 family domain containing 1
NCBI Official Symbol	SCFD1
NCBI Official Synonym Symbols	SLY1; RA410; SLY1P; STXBP1L2; C14orf163
NCBI Protein Information	sec1 family domain-containing protein 1
UniProt Protein Name	Sec1 family domain-containing protein 1
UniProt Gene Name	SCFD1
UniProt Synonym Gene Names	C14orf163; KIAA0917; STXBP1L2; Sly1p

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.