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Anti-SLY1 Antibody

Catalog # AP60994

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q8WVM8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72380

Additional Information

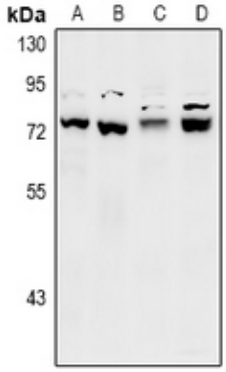
Gene ID	23256
Other Names	C14orf163; KIAA0917; STXBP1L2; Sec1 family domain-containing protein 1; SLY1 homolog; Sly1p; Syntaxin-binding protein 1-like 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SLY1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

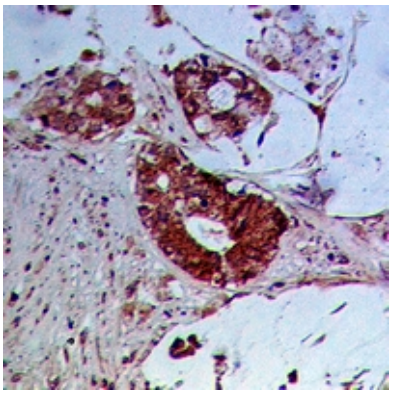
Name	SCFD1
Synonyms	C14orf163, KIAA0917, STXBP1L2
Function	Plays a role in SNARE-pin assembly and Golgi-to-ER retrograde transport via its interaction with COG4. Involved in vesicular transport between the endoplasmic reticulum and the Golgi (By similarity).
Cellular Location	Cytoplasm. Endoplasmic reticulum membrane; Peripheral membrane protein Golgi apparatus, Golgi stack membrane; Peripheral membrane protein

Images

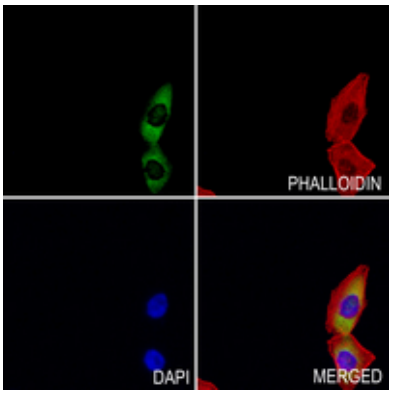
Western blot analysis of SLY1 expression in CT26 (A),



PC12 (B), LO2 (C), HEK293T (D) whole cell lysates.
(Predicted band size: 72 kD; Observed band size: 72 kD)



Immunohistochemical analysis of SLY1 staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of SLY1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.