

小鼠抗 SCFD1 单克隆抗体

中文名称: 小鼠抗 SCFD1 单克隆抗体

英文名称: Anti-SCFD1 mouse monoclonal antibody

别名: C14orf163; RA410; SLY1; SLY1P; STXBP1L2

储存: 冷冻 (-20℃) 避光

抗原: SCFD1

宿主: Mouse

反应种属: Human , Dog , Rat

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

SCFD1 (sec1 family domain containing 1) is a 642 amino acid protein that belongs to the STXBP/unc-18/SEC1 family. Phosphorylated upon DNA damage, probably by Atm or ATR, SCFD1 is involved in vesicular transport between the endoplasmic reticulum (ER) and the Golgi. The SCFD1 protein plays a role in SNARE-pin assembly and Golgi to ER retrograde transport via its interaction with COG4. The SCFD1 protein also binds Syntaxin 5. The SCFD1 gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, mosquito, Drosophila, C.elegans, S.pombe, S.cerevisiae, K.lactis, E.gossypii, M.grisea, N.crassa, A.thaliana and rice, and maps to human chromosome 1

	4q12. Deletion of a region of chromosome 14 that contains BF-1, PKC μ , SCFD1, Cochlin and SG2NA genes, is responsible for a condition resulting in severe mental retardation, epilepsy, microcephaly and Rett-like features.
Applications:	WB, IHC
Name of antibody:	SCFD1
Immunogen:	Fusion protein of human SCFD1
Full name:	sec1 family domain containing 1 (SCFD1), transcript variant 1
Synonyms:	C14orf163; RA410; SLY1; SLY1P; STXBP1L2
SwissProt:	Q8WVM8
IHC positive control:	adenocarcinoma of human ovary tissue and human pancreas tissue; adenocarcinoma of human endometrium tissue and human kidney tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	72 kDa
WB Positive control:	HepG2, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	500-2000