

SNX13 rabbit pAb

Cat No.:ES13032

For research use only

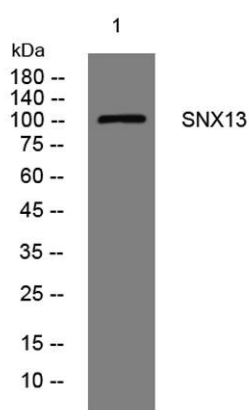
Overview

Product Name	SNX13 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human SNX13 AA range: 602-652
Specificity	This antibody detects endogenous levels of SNX13 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	SNX13
Gene Name	SNX13 KIAA0713
Cellular localization	Early endosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	105kD
Human Gene ID	23161
Human Swiss-Prot Number	Q9Y5W8
Alternative Names	Sorting nexin-13 (RGS domain- and PHOX domain-containing protein) (RGS-PX1)
Background	This gene encodes a PHOX domain- and RGS domain-containing protein that belongs to the sorting nexin (SNX) family and the regulator of G protein signaling (RGS) family. The PHOX domain is a phosphoinositide binding domain, and the SNX family members are involved in intracellular trafficking. The RGS family members are regulatory





molecules that act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. The RGS domain of this protein interacts with G alpha(s), accelerates its GTP hydrolysis, and attenuates G alpha(s)-mediated signaling. Overexpression of this protein delays lysosomal degradation of the epidermal growth factor receptor. Because of its bifunctional role, this protein may link heterotrimeric G protein signaling and vesicular trafficking. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from A549 cells, primary antibody was diluted at 1:1000, 4°over night

