

Product datasheet for **AP53971PU-N**

SNX13 (C-term) Rabbit Polyclonal Antibody

Product data:

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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | This antibody is suitable for Western blotting . The suggested dilution is: 1/100-1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 779-807aa) of human Sorting nexin-13 (SNX13). |
| Specificity: | This antibody detects human SNX13 at C-term. |
| Formulation: | PBS with 0.09% (W/V) Sodium Azide. State: Aff - Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Purified through a protein A column; followed by peptide affinity purification. |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | sorting nexin 13 |
| Database Link: | Entrez Gene 23161 Human Q9Y5W8 |



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Background:

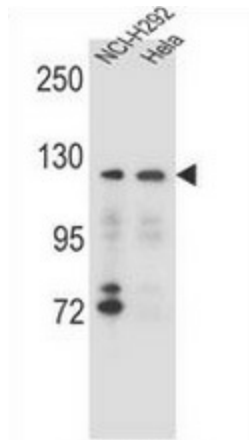
SNX13 gene encodes a PHOX domain- and RGS domain-containing protein that belongs to the sorting nexin (SNX) family and the regulator of G protein signaling (RGS) family. The PHOX domain is a phosphoinositide binding domain, and the SNX family members are involved in intracellular trafficking. The RGS 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.

Synonyms:

KIAA0713

Note:**Molecular Weight:** 112189 Da**Protein Families:**

Druggable Genome, Transmembrane

Product images:

Western blot analysis in NCI-H292, HeLa cell line lysates (35ug/lane) using Sorting nexin-13 (SNX13) antibody. (C-term). This demonstrates the SNX13 antibody detected the SNX13 protein (arrow).