

## Product datasheet for **AP53972PU-N**

### SNX15 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	This antibody is suitable for <b>Western blotting</b> . 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 222-251aa) of human SNX15.
Specificity:	This antibody detects human SNX15 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 15
Database Link:	<a href="#">Entrez Gene 29907 Human Q9NRS6</a>



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**Background:**

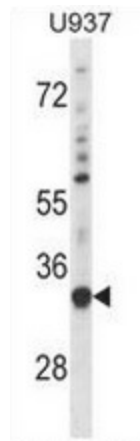
The SNX15 gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. Overexpression of this gene results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits. This decrease is caused by the mislocalization of furin, the endoprotease responsible for cleavage of insulin and hepatocyte growth factor receptors. This protein is involved in endosomal trafficking from the plasma membrane to recycling endosomes or the trans-Golgi network. This gene encodes two transcript variants encoding distinct isoforms.

**Synonyms:**

HSAF001435; OTTHUMP00000035515

**Note:**

**Molecular Weight:** 38291 Da

**Product images:**

Western blot analysis in U937 cell line lysates (35ug/lane) using Sorting nexin-15 (SNX15) antibody. This demonstrates the SNX15 antibody detected the SNX15 protein (arrow).