SNX15 Polyclonal Antibody

catalog number: **E-AB-65611**

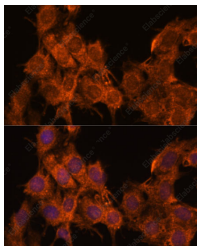
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

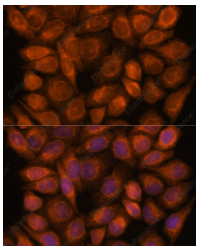
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human SNX15 (NP_037438.2)
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IF	1:50-1:200

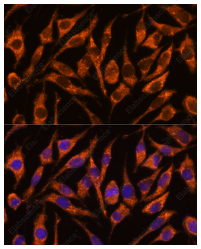
Data



Immunofluorescence analysis of C6 cells using SNX15 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using SNX15 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using SNX15 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

This 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. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream ADP-ribosylation factor-like 2 (ARL2) gene.