Product Name: SNX3 Rabbit Polyclonal Antibody
Catalog #: APRab18074

Summary

Production Name	SNX3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SNX3
Alternative Names	SNX3; Sorting nexin-3; Protein SDP3
Gene ID	8724.0
SwissProt ID	O60493.The antiserum was produced against synthesized peptide derived from human SNX3. AA range:91-140

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	18kD

Background

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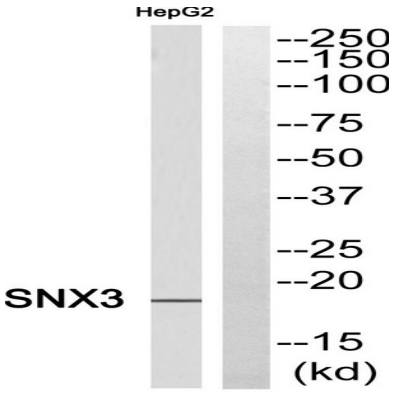
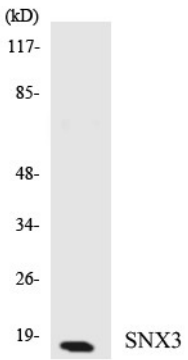
This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like most family members. This protein interacts with phosphatidylinositol-3-phosphate, and is involved in protein trafficking. A pseudogene of this gene is present on the sex chromosomes. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014],disease:A chromosomal aberration disrupting SNX3 may be a cause of microphthalmia syndromic type 8 (MCOPS8) [MIM:601349]. Translocation t(6;13)(q21;q12). Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues (anophthalmia). In many cases, microphthalmia/anophthalmia occurs in association with syndromes that include non-ocular abnormalities. MCOPS8 is a very rare congenital syndrome characterized by microcephaly, microphthalmia, ectrodactyly of the lower limbs and prognathism. Intellectual deficit has been reported.,function:May be involved in several stages of intracellular trafficking.,similarity:Belongs to the sorting nexin family.,similarity:Contains 1 PX (phox homology) domain.,

Research Area

Image Data



Western blot analysis of SNX3 Antibody. The lane on the right is blocked with the SNX3 peptide.



Western blot analysis of the lysates from HUVECcells using SNX3 antibody.

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Note

For research use only.