

VARP Antibody

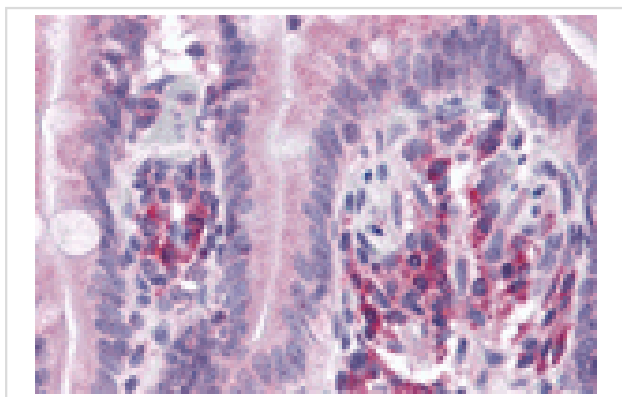
Catalog No: #24990

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Description

Product Name	VARP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the center of human VARP.
Target Name	VARP
Other Names	VPS9 ankyrin repeat protein, Ankyrin repeat domain-containing protein 27, ANKRD27, PP12899
Accession No.	Swiss-Prot:Q96NW4 Gene ID:84079
Uniprot	Q96NW4
GeneID	84079;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Immunohistochemistry of VARP in human small intestine with VARP antibody at 5 ug/mL.

Background

The VPS9 ankyrin repeat protein (VARP) binds to the Rab21, a guanine nucleotide exchange factor that plays an essential role in endocytic trafficking. VARP localizes to early endosomes and is thought to regulate endosome dynamics. VARP also interacts with TI-VAMP/VAMP7, a vesicular SNARE that mediates an exocytic pathway that is crucial to neurite growth. Depletion of VARP by RNA interference impairs neurite growth, suggesting that VARP is a positive regulator of neurite growth.

Note: This product is for in vitro research use only