

# Summary

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

#### Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	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	VIL1 VIL
Alternative Names	villin 1
Gene ID	7429.0
SwissProt ID	P09327.Synthesized peptide derived from Villin at AA range: 601-650

# Application

Dilution Ratio	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.
Molecular Weight	90kD

## Background

This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant

# Product Name: Villin Rabbit Polyclonal Antibody Catalog #: APRab19795



part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed; they result from utilization of alternate poly-adenylation signals present in the terminal exon. [provided by RefSeq, Jul 2008],domain:Consists of a large core fragment, the N-terminal portion, and a small headpiece, the C-terminal portion. The headpiece binds F-actin strongly in both the presence and absence of calcium.,function:Ca(2+)-regulated actin-binding protein.,similarity:Belongs to the villin/gelsolin family.,similarity:Contains 1 HP (headpiece) domain.,similarity:Contains 6 gelsolin-like repeats.,subunit:Monomer.,tissue specificity:Major component of microvilli of intestinal epithelial cells and kidney proximal tubule cells.,

### **Research Area**

### **Image Data**



Western Blot analysis of K562 cells using Villin Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:200

# Product Name: Villin Rabbit Polyclonal Antibody Catalog #: APRab19795





Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

#### Note

For research use only.