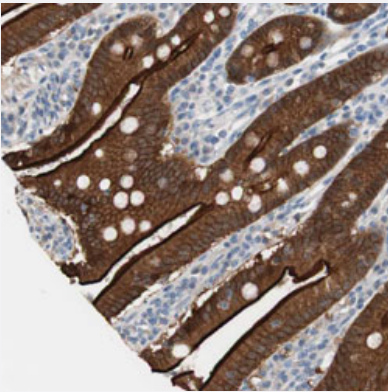


# VIL1 polyclonal antibody

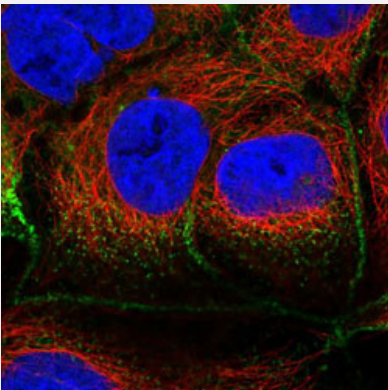
Catalog # PAB30769      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human duodenum with VIL1 polyclonal antibody (Cat # PAB30769) shows strong luminal membranous and cytoplasmic positivity in glandular cells.



### Immunofluorescence

Immunofluorescent staining of CACO-2 with VIL1 polyclonal antibody (Cat # PAB30769) (Green) shows positivity in plasma membrane.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human VIL1.
Immunogen	Recombinant protein corresponding to human VIL1.
Sequence	NGPESTRMERLRGMTLAKEIRDQERGGRTYVGVVDGENELASPKLMEVMNHVLGKRRELKAAV PDTVVEPALKAALKLYHVSDSEGNL VVREVATRPLTQDLLSHE
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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Immunofluorescent staining of CACO-2 with VIL1 polyclonal antibody (Cat # PAB30769) (Green) shows positivity in plasma membrane.

## Gene Info — VIL1

Entrez GeneID	<a href="#">7429</a>
Protein Accession#	<a href="#">P09327</a>
Gene Name	VIL1
Gene Alias	D2S1471, VIL
Gene Description	villin 1
Omim ID	<a href="#">193040</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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

**Other Designations**

OTTHUMP00000164145