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## Datasheet for ABIN390742 anti-Villin 1 antibody (N-Term)

6 Images



## Overview

Quantity:	400 µL
Target:	Villin 1 (VIL1)
Binding Specificity:	AA 180-207, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Villin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

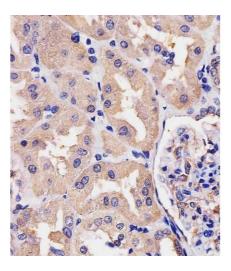
Immunogen:	This Villin-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-207 amino acids from the N-terminal region of human Villin-1.
Clone:	RB17824
lsotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

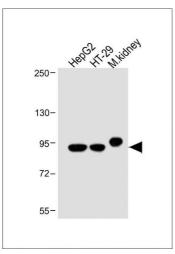
Target:

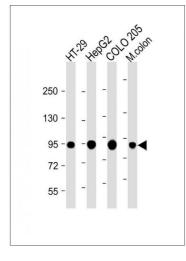
Villin 1 (VIL1)

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Target Details	
Alternative Name:	Villin-1 (VIL1 Products)
Background:	Villin-1 is 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.
Molecular Weight:	92695
Gene ID:	7429
NCBI Accession:	NP_009058
UniProt:	P09327
Pathways:	EGFR Signaling Pathway, Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	WB: 1:2000. WB: 1:2000. WB: 1:1000. WB: 1:8000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN390742 and ABIN2841007) staining Villin-1 in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

#### Western Blotting

**Image 2.** All lanes : Anti-Villin-1 Antibody (N-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: HT-29 whole cell lysate Lane 3: Mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

## **Western Blotting**

**Image 3.** All lanes : Anti-Villin-1 Antibody (N-term) at 1:2000 dilution Lane 1: HT-29 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: COLO 205 whole cell lysate Lane 4: Mouse colon lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 6 images are available for ABIN390742.

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