

Rabbit Villin-1 Polyclonal Antibody | anti-VIL1 antibody

Villin-1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285516	Rabbit	Human, mouse (Predicted Reactivity: Pig, Bovine)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

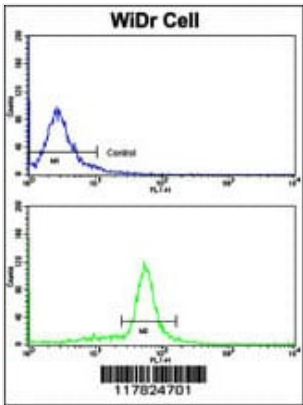
PRODUCT SYNONYMS

Villin-1; Polyclonal Antibody; Villin-1 Antibody (N-term); VIL1; VIL; anti-VIL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Pig, Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	180-207
Sequence Length	421
Applicable Applications for anti-VIL1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

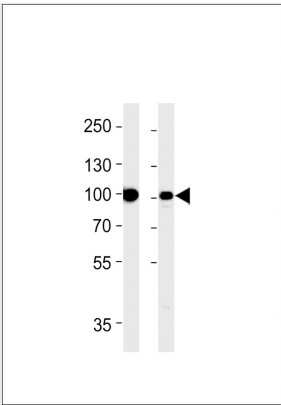
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of WiDr cells using Villin-1 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with Villin-1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Villin-1 Antibody (N-term) western blot analysis in HT29 cell line and mouse kidney tissue lysates (35ug/lane).This demonstrates the Villin-1 antibody detected the Villin-1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-VIL1 antibody	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.
Product Categories/Family for anti-VIL1 antibody	Crown Antibodies; Signal Transduction
References	Yamamichi,N., et.al., Exp. Cell Res. 315 (10), 1779-1789 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394237
NCBI GeneID	7429
NCBI Accession #	NP_009058.2
NCBI GenBank Nucleotide #	NM_007127.2
UniProt Accession #	P09327; Q53S11; Q96AC8; B2R9A7
Molecular Weight	92695

NCBI Official Full Name	villin-1
NCBI Official Synonym Full Names	villin 1
NCBI Official Symbol	VIL1
NCBI Official Synonym Symbols	VIL; D2S1471
NCBI Protein Information	villin-1
UniProt Protein Name	Villin-1
UniProt Gene Name	VIL1
UniProt Synonym Gene Names	VIL
UniProt Entry Name	VILI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/villin-1-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/285516>