

Datasheet for ABIN6150105
anti-Villin 1 antibody (AA 1-350)



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1 Image

Overview

Quantity:	100 µL
Target:	Villin 1 (VIL1)
Binding Specificity:	AA 1-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Villin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human Villin1 (NP_009058.2).
Sequence:	MTKLSAQVKG SLNITTPGLQ IWRIEAMQMV PVPSSTFGSF FDGDCYIILA IHKTASSLSY DIHYWIGQDS SLDEQGAAAI YTTQMDDFLK GRAVQHREVSQ GNESEAFRGY FKQGLVIRKG GVASGMKHVE TNSYDVQRLL HVKGKRNVA GEVEMSWKSF NRGDVFLDL GLKLIQWNGP ESTRMERLRG MTLAKEIRDQ ERGGRTYGV VDGENELASP KLMEVMNHVL GKRRELKAAV PDTVVEPALK AALKLYHVSD SEGNLVVREV ATRPLTQDLL SHEDCYILDQ GGLKIYVWKG KKANEQEKKG AMSHALNFIK AKQYPPSTQV EVQNDGAESA VFQQLFQKWT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

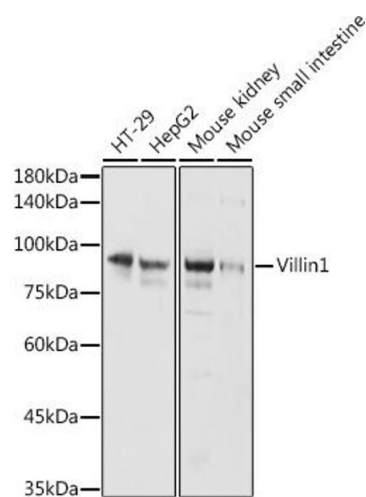
Target:	Villin 1 (VIL1)
Alternative Name:	VIL1 (VIL1 Products)
Background:	This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. 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.,VIL1,D2S1471,VIL,villin-1,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,VIL1
Molecular Weight:	46 kDa/92 kDa
Gene ID:	7429
UniProt:	P09327
Pathways:	EGFR Signaling Pathway , Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Villin1 antibody (ABIN6128917, ABIN6150105, ABIN6150106 and ABIN6221164) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.