

Rabbit AVIL Polyclonal Antibody | anti-AVIL antibody

AVIL Antibody (N-term)

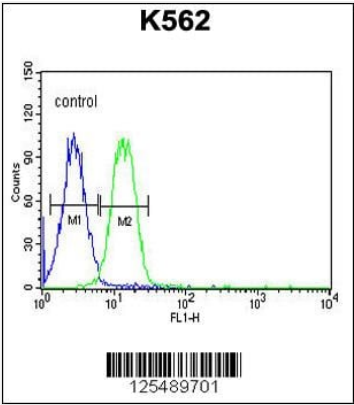
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289982	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

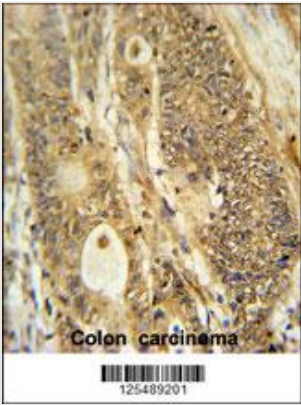
AVIL; Polyclonal Antibody; AVIL Antibody (N-term); Advillin; p92; anti-AVIL antibody

PRODUCT SPECIFICATIONS

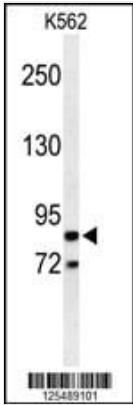
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AVIL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-204 amino acids from the N-terminal region of human AVIL.
Purity/Purification	Peptide Affinity 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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	176-204
Sequence Length	812
Applicable Applications for anti-AVIL antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
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.



FCM/FACS (Flow Cytometry)
AVIL Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
AVIL Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AVIL Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AVIL Antibody (N-term) in K562 cell line lysates (35ug/lane). AVIL (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AVIL antibody	AVIL is a member of the gelsolin/villin family of actin regulatory proteins. This protein has structural similarity to villin. It binds actin and may play a role in the development of neuronal cells that form ganglia.
Product Categories/Family for anti-AVIL antibody	Developmental Biology; Neuroscience
References	Piana, S., et al. J. Mol. Biol. 375(2):460-470(2008) Vermeulen, W., et al. Protein Sci. 13(5):1276-1287(2004) Turner, Z., et al. Gene 288 (1-2), 179-185 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	295821173
NCBI GeneID	10677
NCBI Accession #	NP_006567.3
NCBI GenBank Nucleotide #	NM_006576.3
UniProt Accession #	O75366; Q2NKM9; B2RAU7
Molecular Weight	92027

NCBI Official Full Name	advillin
NCBI Official Synonym Full Names	advillin
NCBI Official Symbol	AVIL
NCBI Official Synonym Symbols	p92; DOC6; ADVIL
NCBI Protein Information	advillin
UniProt Protein Name	Advillin
UniProt Gene Name	AVIL
UniProt Entry Name	AVIL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/avil-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/289982>