



Anti-SVIL (aa 1679-1786) polyclonal antibody (DPAB-DC2999)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a bipartite protein with distinct amino- and carboxy-terminal domains. The amino-terminus contains nuclear localization signals and the carboxy-terminus contains numerous consecutive sequences with extensive similarity to proteins in the gelsolin family of actin-binding proteins, which cap, nucleate, and/or sever actin filaments. The gene product is tightly associated with both actin filaments and plasma membranes, suggesting a role as a high-affinity link between the actin cytoskeleton and the membrane. The encoded protein appears to aid in both myosin II assembly during cell spreading and disassembly of focal adhesions. Two transcript variants encoding different isoforms of supervillin have been described.
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Immunogen	SVIL (NP_003165, 1679 a.a. ~ 1786 a.a) partial recombinant protein with GST tag. The sequence is LIHAGLEPLTFTNMFPSWEHREDIAEITEMDTEVSNQITLVEDVLAKLCKTIYPLADLLA RPLPEGVDPLKLEIYLTDEDFEFALDMTRDEYNALPAWKQVNLKKAKG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SVIL supervillin [Homo sapiens (human)]
Official Symbol	SVIL
Synonyms	SVIL; supervillin; p205/p250; archvillin; membrane-associated F-actin binding protein p205;
Entrez Gene ID	6840
Protein Refseq	NP_003165
UniProt ID	O95425
Chromosome Location	10p11.2
Pathway	Coregulation of Androgen receptor activity.
Function	actin filament binding; protein binding;