

Rabbit Protein Vestigial Polyclonal Antibody | anti-vg antibody

Protein Vestigial Antibody FITC-Conjugated

CATALOG # AAA226323	HOST Rabbit	REACTIVITY Drosophila melanogaster	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Protein Vestigial; Polyclonal Antibody; Protein Vestigial Antibody FITC-Conjugated; VG; VSTGL; VG21; DMEL/CG3830; CCG3830; anti-vg antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Drosophila melanogaster
Clonality	Polyclonal
Form/Format	FITC-Conjugated
Concentration	0.68 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	453
Applicable Applications for anti-vg antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide taken within amino acid region 200-250 on D. melanogaster Vestigial protein.
Expression	Expressed in the developing wing primordia initially along the D/V wing boundary, and by the late third larval instar, maximal expression is seen in cells at the D/V wing disk boundary. Less expression is seen in cells located farther from this boundary.
Molecular Function	DNA binding; Protein C-terminus binding
Subcellular Location	Nucleus
Preparation and Storage	-20• degree C for long term storage

ADDITIONAL INFORMATION

Related Product Information for anti-vg antibody	FITC-Conjugated Vestigial Antibody Involved in determining which thoracic imaginal disk cells will form wings and halteres, perhaps by interacting with other nuclear regulatory proteins. When in combination with scalloped (sd), it acts as a transcriptional activation complex that regulates gene expression in the wing. Binding to sd switches the DNA target selectivity of sd. Required and sufficient for cell proliferation at the dorsal/ventral (D/V) boundary of the wing imaginal disk. Also required for cell proliferation in the wing imaginal disk, mediated via activation of E2f. By interacting with Dhfr, may control genes involved in DNA replication.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17648101
NCBI GeneID	36421
NCBI Accession #	NP_523723.1
NCBI GenBank Nucleotide #	NM_078999.4
UniProt Accession #	Q26366 ; Q9V6H9

Molecular Weight	46,327 Da
NCBI Official Full Name	vestigial
NCBI Official Synonym Full Names	vestigial
NCBI Official Symbol	vg
NCBI Official Synonym Symbols	CG3830; DmelCG3830; Vg; VG; vg21
NCBI Protein Information	CG3830 gene product from transcript CG3830-RA
UniProt Protein Name	Protein vestigial
UniProt Gene Name	vg
UniProt Entry Name	VG_DROME

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://www.aaabiotech.com/polyclonal/protein-vestigial-antibody-western-blot-elisa/226323>