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Datasheet for ABIN1019660
anti-Lava Lamp antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	Lava Lamp (LVA)
Binding Specificity:	Internal Region
Reactivity:	Drosophila melanogaster
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Lava Lamp antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	lava lamp (Drosophila melanogaster)
Immunogen:	Peptide with sequence C-HTDAQVSAELAKQ, from the internal region of the protein sequence according to NP_525064.1.
Sequence:	HTDAQVSAEL AKQ
Isotype:	IgG
Cross-Reactivity:	Drosophila melanogaster
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

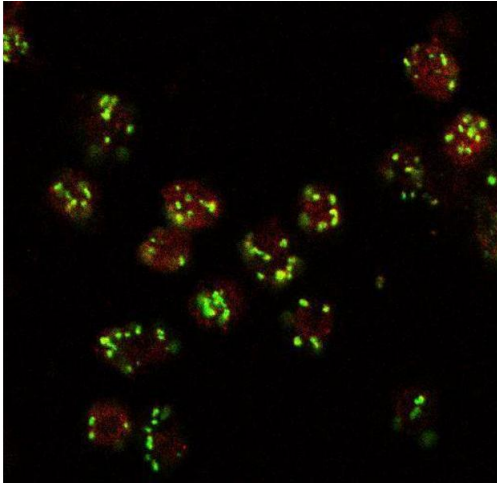
Target:	Lava Lamp (LVA)
Alternative Name:	LVA (LVA Products)
Background:	Lva, lava lamp, Dmel_CG6450, ABP2, CG#6450, CG6450, Dmel\CG6450, LVA, Lava, Lva, Lvl, lava, lvi, CG6450-PC, Lava-Lamp, actin-binding protein 2, lavalamp, lva-PC
NCBI Accession:	NP_525064

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunocytochemistry: Colabeling with GM130 of Golgi in 4% PFA-fixed Drosophila S2 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN1019660 (10ug/ml) staining (red, AlexaFluor 555) of Drosophila S2 cells, co-stained with MG130 rabbit antibody (green, AlexaFluor 488). The yellow spots indicate co-localization of the two proteins. Data obtained by F. Riedel and S Munro, MRC Laboratory