

Product Datasheet

E(z) - Histone-lysine N-methyltransferase E(z) GRP13163

Species/Host	Rabbit
Reactivity	Drosophila
Predicted Reactivity	Bactrocera cucurbitae, Bactrocera dorsalis, Bactrocera latifrons, Ceratitis capitata, Lucilia cuprina
Tested Applications	ChIP, IP
Immunogen	GST-fusion with amino acids 8-190 of the Drosophila melanogaster E(z) protein, UniProt: P42124
Form/Appearance	Lyophilized
Storage	Lyophilized antibody can be stored at -20°C for up to 3 years. Re-constituted antibody can be stored at 4°C for several days to weeks. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified and depleted of anti-GST antibodies, in PBS pH 7.4
MW	86.9 kDa
Uniprot ID	P42124
Dilution Range	3 µg/IP (ChIP)

Application Notes Background: Histone-lysine N-methyltransferase (Ez) is a Polycomb group (PcG) protein, and a catalytic subunit of the Esc/E(z) complex. By methylating Lys-9 and Lys-27 of histone H3, this complex is involved in transcriptional repression of target genes. E(z) is important for the repression during the first six hours of embryogenesis. The Esc/E(z) complex, together with the recruitment of the PRC1 complex, is necessary for the repression of homeotic target genes. Alternative names: Lysine N-methyltransferase 6, Protein enhancer of zeste Reconstitution: For reconstitution add 50 µl of sterile water.

