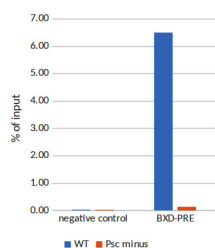


Product no **AS17 4129****Psc | Polycomb group protein Psc****Product information**

<b>Immunogen</b>	GST-conjugated, full length Psc protein of <i>Drosophila melanogaster</i> , UniProt: <a href="#">P35820</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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 the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information**

<b>Expected   apparent MW</b>	169   190 kDa
<b>Confirmed reactivity</b>	<i>Drosophila melanogaster</i>
<b>Additional information</b>	Reactivity of this antibody in Western blot requires to be determined
<b>Selected references</b>	To be added when available, antibody released in November 2020.



ChIP and qPCR analysis were done as described (Schwartz et al., 2006. doi: 10.1038/ng1817). Chromatin from Psc/Su(z)2-KO cells (Kahn et al., 2016. doi: 10.1093/nar/gkw701 ) served as a negative control (Psc minus), chromatin from Ras3 cells served as a positive control (WT). Quantitative PCR was performed with primers specific for BXD-PRE of the Ubx gene (Polycomb target gene in the repressed state) and for an intergenic region (negative control). Figure 1 shows the ChIP recovery, measured by qPCR as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA). Chromatin from 5x10<sup>7</sup> cells and 3 µg of anti-Psc antibody were used for each ChIP reaction. For ChIP 3µg of anti-Psc antibody is recommended. Recombinant protein GST-Psc containing 822-1021 aa of Psc / UniProtKB - P35820 (PSC\_DROME) / was used as immunogen.

Courtesy of Dr. Tatyana Khan, Umeå University, Sweden.