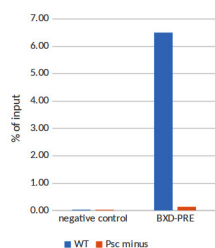


Product no **AS17 4129****Psc | Polycomb group protein Psc****Product information**

Immunogen	GST-conjugated, full length Psc protein of <i>Drosophila melanogaster</i> , UniProt: P35820
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
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 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

Expected apparent MW	169 190 kDa
Confirmed reactivity	<i>Drosophila melanogaster</i>
Additional information	Reactivity of this antibody in Western blot requires to be determined
Selected references	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 5x10⁷ 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.