

Product no **AS14 2816**

## ASH1 | Histone-lysine N-methyltransferase ASH1

### Product information

Background	Histone-lysine N-methyltransferase ash1 is a Trithorax group (TrxG) protein that has histone methyltransferase activity. Specifically trimethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation.
Immunogen	N-terminal GST-fusion of the peptide containing amino acids 1756-1855 of the <i>Drosophila melanogaster</i> Ash1 protein, UniProt: <a href="#">Q9VW15</a>
Host	Rabbit
Clonality	Polyclonal
Purity	Affinity purified serum in PBS, pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water.
Storage	Store lyophilized/reconstituted at -20°C; 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.
Tested applications	Immunolocalization (IL), Chromatin Immunoprecipitation (ChIP)

### Application information

Recommended dilution	1 : 500 (IL), 10ng/ul (ChIP)
Expected   apparent MW	236   300 kDa
Confirmed reactivity	<i>Drosophila melanogaster</i>
Predicted reactivity	<i>Drosophila melanogaster</i>
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Selected references	<a href="#">Kahn</a> et al. (2016). Interdependence of PRC1 and PRC2 for recruitment to Polycomb Response Elements. <i>Nucleic Acids Res.</i> 2016 Aug 23. pii: gkw701. [Epub ahead of print]. <a href="#">Lee</a> et al. (2015). Genome-wide activities of Polycomb complexes control pervasive transcription. <i>Genome Res.</i> 2015 Aug;25(8):1170-81. doi: 10.1101/gr.188920.114. Epub 2015 May 18.

For high resolution images, please visit the specific product page at [www.agrisera.com](http://www.agrisera.com)