

EZH1P Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50296

Clone# BP6273

Predicted Molecular Wt: 51kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q86X51

Background:

EZH1P Inhibits PRC2/EED-EZH1 and PRC2/EED-EZH2 complex function by inhibiting EZH1/EZH2 methyltransferase activity, thereby causing down-regulation of histone H3 trimethylation on 'Lys-27' (H3K27me3). EZH1P limits the enzymatic activity of PRC2 and lessens the interaction between the core complex and its accessory subunits, but does not interfere with PRC2 recruitment to chromatin. Deletion of Ezh1p in mice leads to a global increase in H3K27me2/3 deposition both during spermatogenesis and at late stages of oocyte maturation. This does not affect the initial number of follicles but is associated with a reduction of follicles in aging.

EZH1P is usually expressed in normal testis tissue and multitumor tissues.

EZH1P is a negative regulator of histone H3 methylation.

Subcellular location:

Nucleus

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

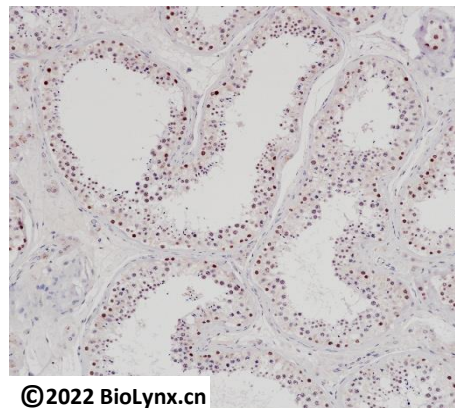
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. PubMed:31451685.
2. PubMed:30923826.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis labelling EZHIP with BP6273.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.