

DATASHEET

EZH1P Rabbit Monoclonal Antibody(ARB952)

CAT. NO. ARB6744

KEY FEATURES

Target	EZH1P	Clonality	Monoclonal
Clone ID	ARB952	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

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 Ezhip 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 associated with a reduction of follicles in aging. EZH1P is usually expressed in normal testis tissue and multistage tissues. EZH1P is a negative regulator of histone H3 methylation.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

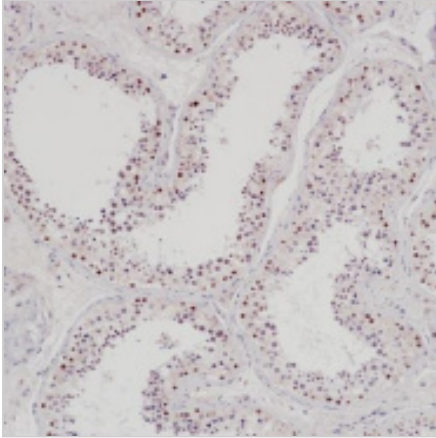
Predicted Molecular Weight	51kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus
Swissprot ID	Q86X51
Immunogen	Synthetic peptide.
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended Method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**EZHIP Rabbit Monoclonal Antibody(ARB952)**

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DATA

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis labelling EZHIP with EZHIP Rabbit Monoclonal Antibody(ARB952)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com