
Summary

Production Name	KMT6 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	EZH2
Alternative Names	WVS; ENX1; KMT6; WVS2; ENX-1; EZH2b; KMT6A; EZH2
Gene ID	2146
SwissProt ID	Q15910

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 98 kDa

Background

Product Name: KMT6 Rabbit Monoclonal Antibody
Catalog #: AMRe02196

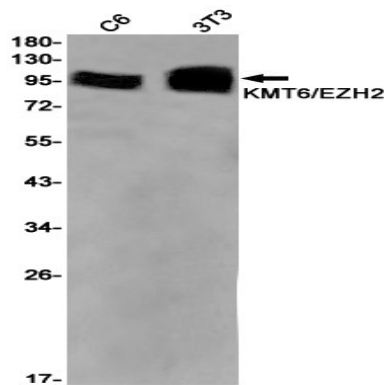


Polycomb group (PcG) protein. Catalytic subunit of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' and 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di- and trimethylate 'Lys-27' of histone H3 to form H3K27me1, H3K27me2 and H3K27me3, respectively. Compared to EZH2-containing complexes, it is more abundant in embryonic stem cells and plays a major role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of KMT6/EZH2 in C6, 3T3 lysates using KMT6 antibody.

Note

For research use only.