

EZH2 Polyclonal Antibody

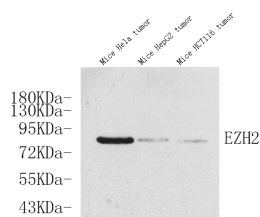
catalog number: E-AB-70131

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse EZH2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of various samples using EZH2 Polyclonal Antibody at dilution of 1:500.

Observed-MW:80 kDa

Calculated-MW:80-100 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

EZH2 (enhancer of zeste homologue 2,also known as KMT6) is a member of Polycomb group (PcG) family and encodes a histone methyl transferase that has an essential role in promoting histone H3 lysine 27 trimethylation (H3K27me3) and epigenetic gene silencing. EZH2 is important for cell proliferation and inhibition of cell differentiation,and is implicated in cancer progression. Overexpression of EZH2 is a marker of advanced and metastatic disease in many solid tumors, including prostate and breast cancer. This antibody detected EZH2 protein as a single band with a molecular weight (MW) of 91-100 kDa in multiple cell lines. The phosphorylation may result in the higher molecular weight (calculated MW as 80-86 kDa). (20935635,21367748)

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