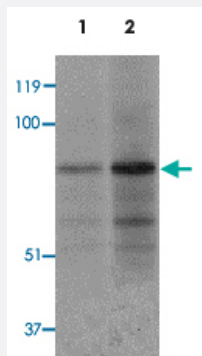


EZH1 polyclonal antibody

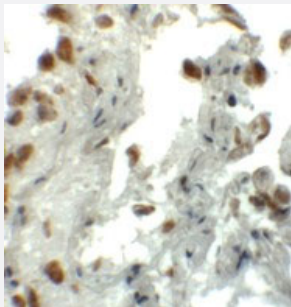
Catalog # PAB19418 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of EZH1 in mouse lung tissue lysate with EZH1 polyclonal antibody (Cat # PAB19418) at 1 ug/mL (lane 1) and 2 ug/mL (lane 2).



Immunohistochemistry

Immunohistochemical staining of human lung cells with EZH1 polyclonal antibody (Cat # PAB19418) at 5 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EZH1.
Immunogen	A synthetic peptide corresponding to 18 amino acids near N-terminus of human EZH1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	Multiple isoforms of EZH1 are known to exist. EZH1 antibody is predicted to not cross-react with EZH2.
Form	Liquid

Purification	Peptide affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1-2 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of EZH1 in mouse lung tissue lysate with EZH1 polyclonal antibody (Cat # PAB19418) at 1 ug/mL (lane 1) and 2 ug/mL (lane 2).

- Immunohistochemistry

Immunohistochemical staining of human lung cells with EZH1 polyclonal antibody (Cat # PAB19418) at 5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — EZH1

Entrez GeneID	2145
Protein Accession#	AAC50778
Gene Name	EZH1
Gene Alias	KIAA0388
Gene Description	enhancer of zeste homolog 1 (Drosophila)
Omim ID	601674
Gene Ontology	Hyperlink

Gene Summary

EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]).[supplied by OMIM]

Other Designations

enhancer of zeste homolog 1

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)