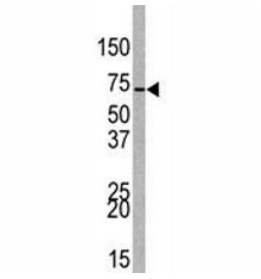
EZH1 Antibody (F48072)

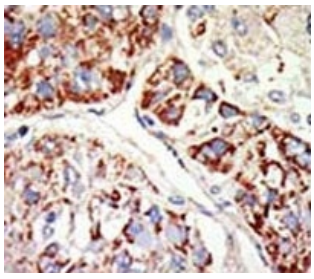
Catalog No.	Formulation	Size
F48072-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48072-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

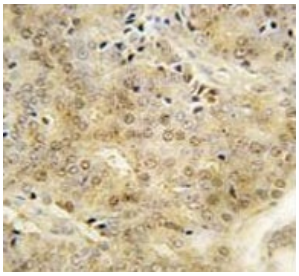
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q92800
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This EZH1 antibody is available for research use only.



Western blot analysis of EZH1 antibody and 293 lysate. Predicted molecular weight ~85kDa.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the EZH1 antibody



IHC analysis of FFPE human prostate carcinoma tissue stained with EZH1 antibody

Description

EZH1 encodes a protein of 747 amino acids that displays 55% amino acid identity overall with the Drosophila homolog.1 The strong sequence conservation suggested potential roles for EZH1 in human development as a transcriptional regulator and as a component of protein complexes that preserve heterochromatin stability. EZH1 is expressed as 2 major transcripts in all adult and fetal human tissues evaluated. Analysis of an EZH1 cDNA revealed an unusual splicing event involving EZH1 and a tandemly linked gene GPR2 and suggested a potential mechanism for modifying the EZH1 protein in the conserved C-terminal domain. The GPR2 gene maps to 17q21.1-q21.3 in the vicinity of the BRCA1 gene.

Application Notes

Titration of the EZH1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 393-422 from the human protein was used as the immunogen for this EZH1 antibody.

Storage

Aliquot the EZH1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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