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Datasheet for 200-401-H75

EZH1 Antibody

Overview

Description:	Anti-EZH1 (RABBIT) Antibody - 200-401-H75
Item No.:	200-401-H75
Size:	100 µg
Applications:	WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	Anti-EZH1 Antibody detects human EZH1. EZH1 is a human homolog of the Drosophila gene Enhancer of zeste E(z), a member of the polycomb group of transcriptional repressors. In mice, EZH1 is a regulator of homeotic gene expression implicated in the assembly of repressive protein complexes in chromatin. The strong sequence conservation between species suggests potential role for EZH1 in human development as a transcriptional regulator and as a component of protein complexes that stably maintain heterochromatin. Anti-EZH1 Antibody is ideal for investigators involved in chromatin, NFkappaB, and signaling research.
Synonyms:	KIAA0388, Histone-lysine N-methyltransferase EZH1, 2.1.1.43, ENX-2, Enhancer of zeste homolog 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	EZH1
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	EZH1 Antibody was produced from whole rabbit serum prepared by repeated immunizations at an amino acid sequence located internally within the human EZH1 protein.

Purity/Specificity:	Anti-EZH1 Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with Anti-EZH1 from human and mouse based on 100% homology with the immunizing sequence. Cross-reactivity with Anti-EZH1 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q92800 • NCBI - NP_001982.2 • GeneID - 2145

Application Details

Tested Applications:	WB
Application Note:	Anti-EZH1 Antibody is tested for use in WB. Expect a band approximately 85kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	2-4 µg/mL

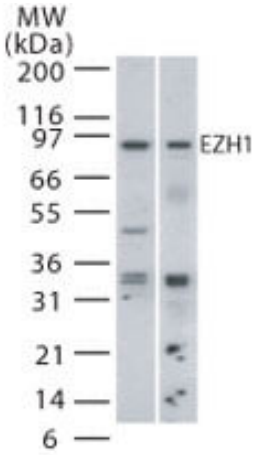
Formulation

Physical State:	Liquid
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.05% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western Blot of Rabbit Anti-EZH1 antibody. Lane 1: mouse. Lane 2: spleen lysate. Primary antibody: EZH1 at 2 µg/mL for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 80 kDa for EZH1. Other band(s): none.

Disclaimer

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