

Datasheet for ABIN7255482

anti-EZH2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	EZH2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EZH2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human EZH2 (NP_001190176.1).
Isotype:	IgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	EZH2
Alternative Name:	EZH2 (EZH2 Products)
Background:	This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form

Target Details

multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

Molecular Weight: Observed_MW: 78-110 kDa
Calculated_MW: 79 kDa/81 kDa/84 kDa/85 kDa/86 kDa

Gene ID: 2146

UniProt: [Q15910](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

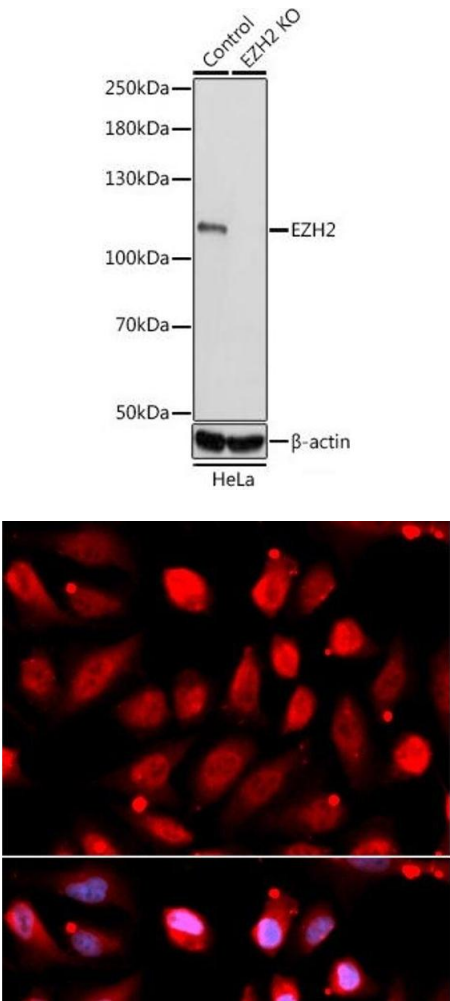
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts from normal (control) and EZH2 knockout (KO) HeLa cells using EZH2 Polyclonal Antibody at dilution of 1:1000.

Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cells using EZH2 Polyclonal Antibody