antibodies - online.com







anti-EZH1 antibody (N-Term)





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Quantity:	100 μL
Target:	EZH1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EZH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EZH1
Sequence:	MEIPNPPTSK CITYWKRKVK SEYMRLRQLK RLQANMGAKA LYVANFAKVQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against EZH1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	EZH1

Target Details

Alternative Name:	EZH1 (EZH1 Products)
Background:	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. Alias Symbols: KIAA0388, KMT6B Protein Interaction Partner: SUZ12, UBC, GATA4, esc, EED, EZH2, EZH1, ZMYND11, E2F6, Protein Size: 747
Molecular Weight:	85 kDa
Gene ID:	2145
NCBI Accession:	NM_001991, NP_001982
UniProt:	Q92800

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 747 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-EZH1

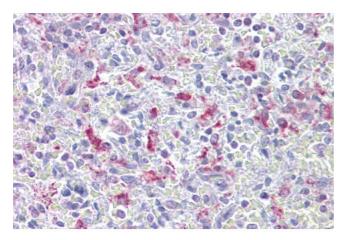
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: COLO205 cell lysate

There is BioGPS gene expression data showing that EZH1 is expressed in COLO205

Western Blotting

Image 2. WB Suggested Anti-EZH1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate There is BioGPS gene expression data showing that EZH1 is expressed in COLO205



Immunohistochemistry

Image 3. Immunohistochemistry with Spleen tissue at an antibody concentration of $5\mu g/ml$ using anti-EZH1 antibody (ARP38092_P050)