Polycomb complex protein BMI-1 Polyclonal Antibody

Catalog No: #42391

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

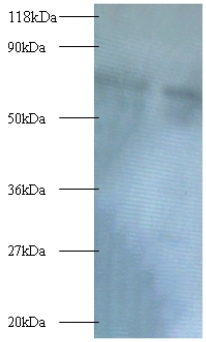
Description

Product Name	Polycomb complex protein BMI-1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Polycomb complex protein BMI-1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Polycomb complex protein BMI-1 protein
Target Name	Polycomb complex protein BMI-1
Other Names	Polycomb group RING finger protein 4, RING finger protein 51
Accession No.	Swiss-Prot#: P35226
Uniprot	P35226
GeneID	100532731;648;
Calculated MW	36kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : Polycomb complex protein BMI-1 antibody at 2ug/mlLane 1 : EC109 whole cell lysateLane 2 : 293T whole cell lysate
SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 36 kDa
Observed band size: 70 kDa

Background

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of RNF2/RING2.

References

[1]Characterization and chromosomal localization of the human proto-oncogene BMI-1.Alkema M.J., Wiegand J., Raap A.K., Berns A., van Lohuizen M.Hum. Mol. Genet. 2:1597-1603(1993) [2]Complete sequencing and characterization of 21,243 full-length human c

Note: This product is for in vitro research use only