Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Bmi1 Rabbit pAb

Catalog No.: A0211 4 Publications

Basic Information

Observed MW
43kDa

Calculated MW
37kDa

Category
Primary antibody

Applications
ELISA,WB,IP

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a ring finger protein that is major component of the polycomb group complex 1 (PRC1). This complex functions through chromatin remodeling as an essential epigenetic repressor of multiple regulatory genes involved in embryonic development and self-renewal in somatic stem cells. This protein also plays a central role in DNA damage repair. This gene is an oncogene and aberrant expression is associated with numerous cancers and is associated with resistance to certain chemotherapies. A pseudogene of this gene is found on chromosome X. Read-through transcription also exists between this gene and the upstream COMM domain containing 3 (COMMD3) gene.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Immunogen Information

Gene ID
648

Swiss Prot
P35226

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Bmi1 (NP_005171.4).

Synonyms
PCGF4; RNF51; FLVI2/BMI1; flvi-2/bmi-1; Bmi1

Contact

www.abclonal.com

Product Information

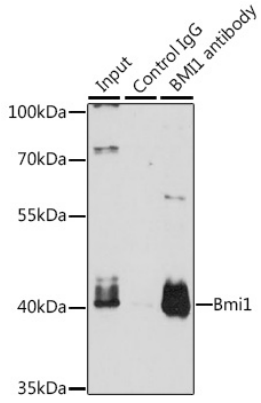
Source
Rabbit

Isotype
IgG

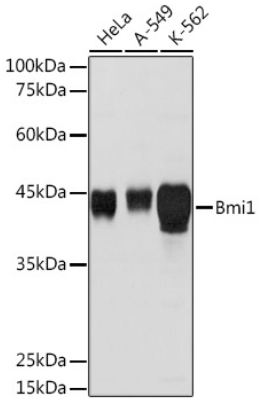
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

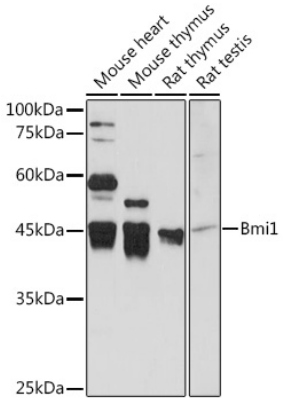
Validation Data



Immunoprecipitation analysis of 200 μg extracts of K-562 cells, using 3 μg Bmi1 antibody (A0211). Western blot was performed from the immunoprecipitate using Bmi1 antibody (A0211) at a dilution of 1:1000.



Western blot analysis of various lysates using Bmi1 Rabbit pAb (A0211) at 1:5000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of various lysates using Bmi1 Rabbit pAb (A0211) at 1:5000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.