

ZBTB16(Y334)Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22483a**Specification**

ZBTB16(Y334)Antibody - Product Information

Application	WB,E
Primary Accession	Q05516
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	74274

ZBTB16(Y334)Antibody - Additional Information**Gene ID** 7704**Other Names**

Zinc finger and BTB domain-containing protein 16, Promyelocytic leukemia zinc finger protein, Zinc finger protein 145, Zinc finger protein PLZF, ZBTB16, PLZF, ZNF145

Target/Specificity

This ZBTB16(Y334) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human ZBTB16(Y334).

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZBTB16(Y334)Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ZBTB16(Y334)Antibody - Protein Information**Name** ZBTB16**Synonyms** PLZF, ZNF145

Function Acts as a transcriptional repressor (PubMed:[10688654](#), PubMed:[24359566](#)). Transcriptional repression may be mediated through recruitment of histone deacetylases to target promoters (PubMed:[10688654](#)). May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:[14528312](#)).

Cellular Location

Nucleus. Nucleus, nuclear body

Tissue Location

Within the hematopoietic system, PLZF is expressed in bone marrow, early myeloid cell lines and peripheral blood mononuclear cells. Also expressed in the ovary, and at lower levels, in the kidney and lung

ZBTB16(Y334)Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZBTB16(Y334)Antibody - Images

ZBTB16(Y334)Antibody - Background

Acts as a transcriptional repressor (PubMed:10688654, PubMed:24359566). Transcriptional repression may be mediated through recruitment of histone deacetylases to target promoters (PubMed:10688654). May play a role in myeloid maturation and in the development and/or maintenance of other differentiated tissues. Probable substrate-recognition component of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:14528312).

ZBTB16(Y334)Antibody - References

Chen Z.,et al.EMBO J. 12:1161-1167(1993).
Zhang T.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:11422-11427(1999).
Chen S.-J.,et al.J. Clin. Invest. 91:2260-2267(1993).
Hoatlin M.E.,et al.Blood 94:3737-3747(1999).
Melnick A.M.,et al.Mol. Cell. Biol. 20:2075-2086(2000).