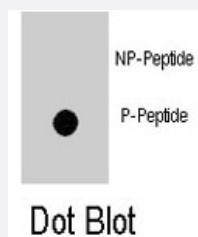


ZBTB16 (phospho Y334) polyclonal antibody

Catalog # PAB8181 Size 400 uL

Applications



Dot Blot (Peptide)

Dot blot analysis of ZBTB16 (phospho Y334) polyclonal antibody (Cat # PAB8181) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of ZBTB16.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y334 of human ZBTB16.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	ELISA (1:1000) Dot Blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Dot Blot (Peptide)

Dot blot analysis of ZBTB16 (phospho Y334) polyclonal antibody (Cat # PAB8181) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

Gene Info — ZBTB16

Entrez GeneID	7704
Protein Accession#	NP_005997;Q05516
Gene Name	ZBTB16
Gene Alias	PLZF, ZNF145
Gene Description	zinc finger and BTB domain containing 16
Omim ID	176797
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]
Other Designations	Kruppel-like zinc finger protein promyelocytic leukemia zinc finger protein zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)

Publication Reference

- [A three-step pathway comprising PLZF/miR-146a/CXCR4 controls megakaryopoiesis.](#)

Labbaye C, Spinello I, Quaranta MT, Pelosi E, Pasquini L, Petrucci E, Biffoni M, Nuzzolo ER, Billi M, Foa R, Brunetti E, Grignani F, Testa U, Peschle C.

Nature Cell Biology 2008 Jun; 10(7):788.

- [The promyelocytic leukemia zinc finger-microRNA-221/-222 pathway controls melanoma progression through multiple oncogenic mechanisms.](#)

Felicetti F, Errico MC, Bottero L, Segnalini P, Stoppacciaro A, Biffoni M, Felli N, Mattia G, Petrini M, Colombo MP, Peschle C, Care A.

Cancer Research 2008 Apr; 68(8):2745.

- [Redox-mediated modification of PLZF by SUMO-1 and ubiquitin.](#)

Kang SI, Choi HW, Kim IY.

Biochemical and Biophysical Research Communications 2008 May; 369(4):1209.

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

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