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Product datasheet for TA343575

Plzf (ZBTB16) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ZBTB16 antibody: synthetic peptide directed towards the C terminal of human ZBTB16. Synthetic peptide located within the following region: GASPYQCTICTEYCPSLSSMQKHMKGHKPEEIPPDWRIEKTYLYLCYV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	zinc finger and BTB domain containing 16
Database Link:	NP_005997 Entrez Gene 7704 Human Q05516

View online »

Background: ZBTB16 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.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.

Synonyms: PLZF; ZNF145

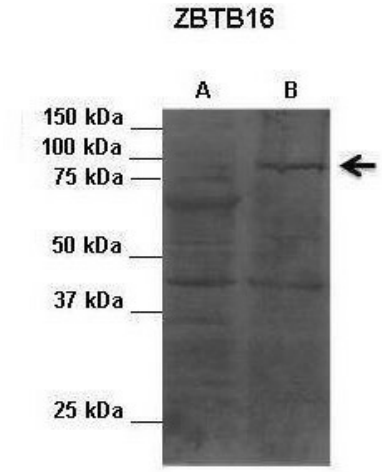
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families: Druggable Genome, Transcription Factors

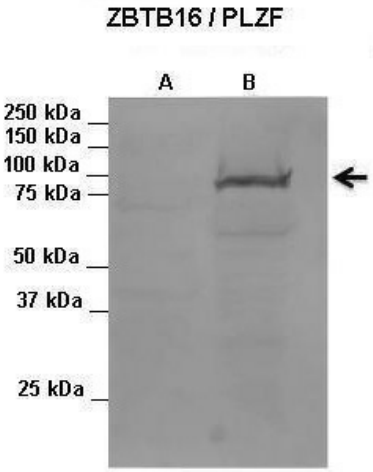
Protein Pathways: Acute myeloid leukemia, Pathways in cancer

Product images:

WB Suggested Anti-ZBTB16 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: 721_B cell lysate



Lanes: 1. 50 ug untransfected HEK293T lysate; 2. 50 ug ZBTB16 transfected HEK293T lysate; Primary Antibody Dilution: 1: 1000; Secondary Antibody: Donkey Anti-rabbit AP; Secondary Antibody Dilution: 1: 2000; Gene Name: ZBTB16; Submitted by: Anonymous;



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