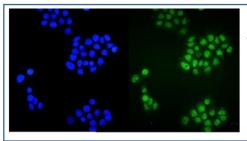


# **ZBTB16 Antibody / PLZF (RQ5786)**

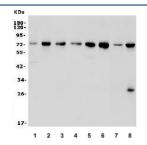
Catalog No.	Formulation	Size
RQ5786	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

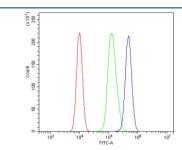
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q05516
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ZBTB16 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with ZBTB16 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HL-60, 2) HEK293, 3) ThP-1, 4) HeLa, 5) Raji, 6) K562, 7) rat spleen, 8) mouse RAW264.7 lysate with ZBTB16 antibody. Predicted molecular weight: 74-81 kDa.



Flow cytometry testing of human 293T cells with ZBTB16 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ZBTB16 antibody.

### **Description**

Zinc finger and BTB domain-containing protein 16 is a protein that in humans is encoded by the ZBTB16 gene. 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.

## **Application Notes**

Optimal dilution of the ZBTB16 antibody should be determined by the researcher.

#### **Immunogen**

Recombinant human protein (amino acids K23-V673) was used as the immunogen for the ZBTB16 antibody.

#### **Storage**

After reconstitution, the ZBTB16 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.