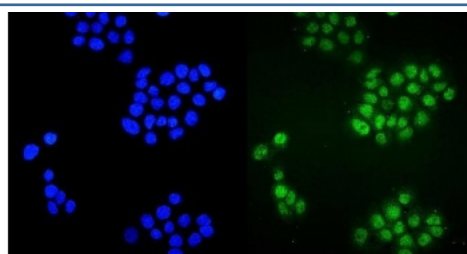


## ZBTB16 Antibody / PLZF (RQ5786)

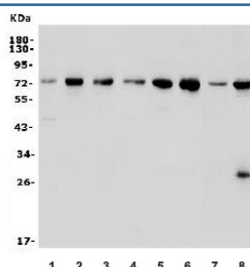
Catalog No.	Formulation	Size
RQ5786	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

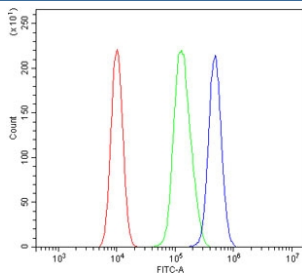
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and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