

## ARG59156 anti-Plzf antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes Plzf  |
| Tested Reactivity   | Hu, Ms, Rat   |
| Tested Application  | IHC-P, WB   |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | Plzf  |
| Species             | Human   |
| Immunogen           | Recombinant fusion protein corresponding to aa. 1-220 of Human Plzf (NP_001018011.1).   |
| Conjugation         | Un-conjugated   |
| Alternate Names     | ZNF145; PLZF; Promyelocytic leukemia zinc finger protein; Zinc finger and BTB domain-containing protein 16; Zinc finger protein PLZF; Zinc finger protein 145 |

### Application Instructions

| Application table | Application  | Dilution       |
|-------------------|--|----------------|
|                   | IHC-P  | 1:50 - 1:100   |
|                   | WB   | 1:500 - 1:1000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | Mouse lung   |                |
| Observed Size     | 80 kDa   |                |

### Properties

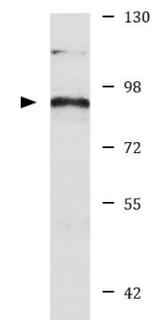
|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purified.  |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.  |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

## Bioinformation

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|                       |  |
|-----------------------|--|
| Gene Symbol           | ZBTB16   |
| Gene Full Name        | zinc finger and BTB domain containing 16   |
| Background            | 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, Jul 2008] |
| Function              | Probable transcription factor. 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. [UniProt]  |
| Calculated Mw         | 74 kDa   |
| Cellular Localization | Nucleus. Nucleus, Nuclear body. [UniProt]  |

## Images



Mouse lung

ARG59156 anti-Plzf antibody WB image

Western blot: 25 µg of Mouse lung lysate stained with ARG59156 anti-Plzf antibody at 1:1000 dilution.