

Rabbit anti-Human PLZF Monoclonal Antibody | anti-ZBTB16 antibody

PLZF Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282902	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

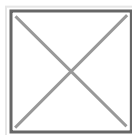
PRODUCT SYNONYMS

PLZF; Monoclonal Antibody; PLZF Rabbit mAb; ZNF145; anti-ZBTB16 antibody

PRODUCT SPECIFICATIONS

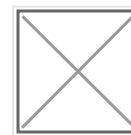
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TKAAVDSLMT IGQSLQGT L QPPAGPEEPT LAGGGRHPGV AEVKTEMMQV DEVPSQDSPG AAESSISGGM GDKVEERGKE GPGTPTRSSV ITSARELHYG RE
Applicable Applications for anti-ZBTB16 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 199-300 of human PLZF (NP_005997.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



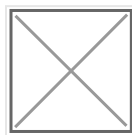
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Rat testis tissue using PLZF Rabbit mAb (AAA282902, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



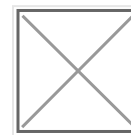
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse testis tissue using PLZF Rabbit mAb (AAA282902, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



WB (Western Blot)

Western blot analysis of lysates from Mouse heart, using PLZF Rabbit mAb (AAA282902) at 1:10000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates using PLZF Rabbit mAb (AAA282902) at 1:10000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ZBTB16 antibody	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.
Product Categories/Family for anti-ZBTB16 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Cancer; Cell Biology Developmental Biology; Apoptosis; Stem Cells; Germline Stem Cells; Hematopoietic Progenitors; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932932
NCBI GeneID	7704
NCBI Accession #	NP_001018011.1
NCBI GenBank Nucleotide #	NM_001018011.1
UniProt Accession #	Q05516; Q8TAL4
Molecular Weight	Calculated MW: 74kDa Observed MW: 80kDa
UniProt Protein Name	Zinc finger and BTB domain-containing protein 16
UniProt Gene Name	ZBTB16
UniProt Synonym Gene Names	PLZF; ZNF145
UniProt Entry Name	ZBT16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/plzf-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282902>