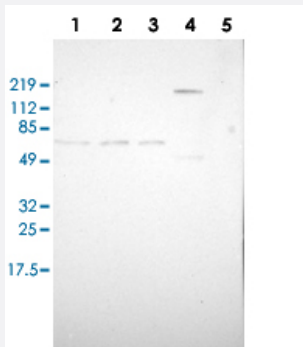


ZBTB16 polyclonal antibody

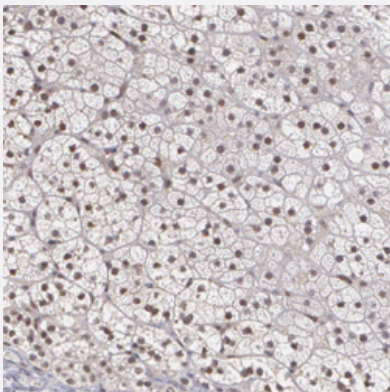
Catalog # PAB28445 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with ZBTB16 polyclonal antibody (Cat # PAB28445) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human adrenal gland with ZBTB16 polyclonal antibody (Cat # PAB28445) shows moderate nuclear positivity in cortical cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ZBTB16.
Immunogen	Recombinant protein corresponding to amino acids of recombinant ZBTB16.
Sequence	HYTLDFLSPKTFQQILEYAYATLQAKAEDLDDLLYAAEILEIEYLEEQCLKMLETIQASDDNDTEAT MADGGAEIEEEEDRKARYLKNIFISKHSSEESGYASVAGQSLPGPMVDQSPSVSTSFGLSA
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(1:200-1:500) Western Blot(1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with ZBTB16 polyclonal antibody (Cat # PAB28445) at 1:100-1:250 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human adrenal gland with ZBTB16 polyclonal antibody (Cat # PAB28445) shows moderate nuclear positivity in cortical cells at 1:200-1:500 dilution.

Gene Info — ZBTB16

Entrez GeneID	7704
Protein Accession#	Q05516
Gene Name	ZBTB16
Gene Alias	PLZF, ZNF145
Gene Description	zinc finger and BTB domain containing 16
Omim ID	176797
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

Kruppel-like zinc finger protein|promyelocytic leukemia zinc finger protein|zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)

Pathway

- [Acute myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Heart Defects](#)
- [Leukemia](#)
- [Tobacco Use Disorder](#)