

ZNF622 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1952b**Specification**

ZNF622 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q969S3](#)**ZNF622 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 90441**Other Names**

Zinc finger protein 622, Zinc finger-like protein 9, ZNF622, ZPR9

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1952b](/product/products/AP1952b) was selected from the C-term region of human ZNF622. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZNF622 Antibody (C-term) Blocking Peptide - Protein Information**Name** ZNF622 {ECO:0000303|PubMed:32669547, ECO:0000312|HGNC:HGNC:30958}**Function**

Pre-60S-associated cytoplasmic factor involved in the cytoplasmic maturation of the 60S subunit.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Expressed in lung, kidney, spleen, liver and brain with lowest expression in kidney.

ZNF622 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ZNF622 Antibody (C-term) Blocking Peptide - Images

ZNF622 Antibody (C-term) Blocking Peptide - Background

ZNF622 interacts with murine Melk and with itself when expressed in 293T cells. ZNF622 was phosphorylated by Melk both in vitro and in vivo. When expressed alone, ZNF622 exhibited cytosolic and nuclear localization; however, coexpression of ZNF622 with Melk resulted in nuclear localization of ZNF622. ZNF622 also interacts with the transcription factor BMYB in a yeast 2-hybrid assay and coimmunoprecipitated with BMYB when expressed in 293T cells. ZNF622 enhances the transcriptional activity of BMYB on a reporter plasmid in a dose-dependent manner, and coexpression of ZNF622 and BMYB in 293T cells caused accumulation of both proteins in the nucleus. Constitutive expression of ZNF622 in retinoic acid-treated neuroblastoma cells or 293T cells induced apoptosis, but coexpression of ZNF622 with BMYB inhibited this apoptosis.

ZNF622 Antibody (C-term) Blocking Peptide - References

Seong, H.A., et al., J. Biol. Chem. 278(11):9655-9662 (2003). Seong, H.A., et al., Biochem. J. 361 (Pt 3), 597-604 (2002).