10320 Camino Santa Fe, Suite G
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ZNF622 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP1952b

Specification

ZNF622 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 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

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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 enhancs 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).