

BYSL Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP2951c**Specification**

BYSL Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q13895](#)**BYSL Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 705**Other Names**

Bystin, BYSL

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2951c](/products/AP2951c) was selected from the Center region of human BYSL. 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.

BYSL Antibody (Center) Blocking Peptide - Protein Information**Name** BYSL ([HGNC:1157](#))**Function**

Required for processing of 20S pre-rRNA precursor and biogenesis of 40S ribosomal subunits. May be required for trophoblast- dependent regulation of cell adhesion during implantation of human embryos.

Cellular Location

Cytoplasm. Nucleus, nucleolus Note=Associated with 40S ribosomal subunits

Tissue Location

Found in the placenta from the sixth week of pregnancy. Was localized in the cytoplasm of the syncytiotrophoblast in the chorionic villi and in endometrial decidual cells at the uteroplacental interface. After week 10, the level decreased and then disappeared from placental villi

BYSL Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BYSL Antibody (Center) Blocking Peptide - Images

BYSL Antibody (Center) Blocking Peptide - Background

BYSL is required for processing of 20S pre-rRNA precursor and biogenesis of 40S ribosomal subunits. It may be required for trophinin-dependent regulation of cell adhesion during implantation of human embryos.

BYSL Antibody (Center) Blocking Peptide - References

Miyoshi,M., et.al., Biochem. J. 404 (3), 373-381 (2007)Suzuki,N.,et.al., Proc. Natl. Acad. Sci. U.S.A. 95 (9), 5027-5032 (1998)