

IGBP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16231c**Specification**

IGBP1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P78318](#)

IGBP1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3476

Other Names

Immunoglobulin-binding protein 1, B-cell signal transduction molecule alpha 4, Protein alpha-4, CD79a-binding protein 1, Protein phosphatase 2/4/6 regulatory subunit, Renal carcinoma antigen NY-REN-16, IGBP1, IBP1

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.

IGBP1 Antibody (Center) Blocking Peptide - Protein Information

Name IGBP1

Synonyms IBP1

Function

Associated to surface IgM-receptor; may be involved in signal transduction. Involved in regulation of the catalytic activity of the phosphatases PP2A, PP4 and PP6 by protecting their partially folded catalytic subunits from degradative polyubiquitination until they associate with regulatory subunits.

Cellular Location

Cytoplasm.

Tissue Location

Ubiquitously expressed with highest levels in heart, skeletal muscle and pancreas

IGBP1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IGBP1 Antibody (Center) Blocking Peptide - Images

IGBP1 Antibody (Center) Blocking Peptide - Background

The proliferation and differentiation of B cells is dependent upon a B-cell antigen receptor (BCR) complex. Binding of antigens to specific B-cell receptors results in a tyrosine phosphorylation reaction through the BCR complex and leads to multiple signal transduction pathways.

IGBP1 Antibody (Center) Blocking Peptide - References

McDonald, W.J., et al. J. Cell. Biochem. 110(5):1123-1129(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Fielhaber, J.A., et al. J. Biol. Chem. 284(36):24341-24353(2009) Chen, G.I., et al. J. Biol. Chem. 283(43):29273-29284(2008) Aranda-Orgilles, B., et al. PLoS ONE 3 (10), E3507 (2008)
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