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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

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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 isdependent upon a B-cell antigen receptor (BCR) complex. Binding ofantigens to specific B-cell receptors results in a tyrosinephosphorylation reaction through the BCR complex and leads tomultiple 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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