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IGBP1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16231C

Specification

IGBP1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P78318
Other Accession	NP_001542.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39222**
Antigen Region	**142-171**

IGBP1 Antibody (Center) - 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

Target/Specificity
This IGBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-171 amino acids from the Central region of human IGBP1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
IGBP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

IGBP1 Antibody (Center) - 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.

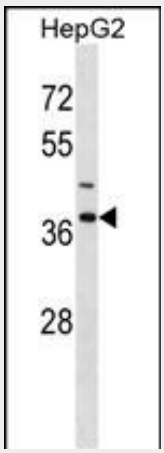
Tissue Location
Ubiquitously expressed with highest levels in heart, skeletal muscle and pancreas

IGBP1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IGBP1 Antibody (Center) - Images



IGBP1 Antibody (Center) (Cat. #AP16231c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the IGBP1 antibody detected the IGBP1 protein (arrow).

IGBP1 Antibody (Center) - 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) - 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)
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Aranda-Orgilles, B., et al. PLoS ONE 3 (10), E3507 (2008) :