

**IGBP1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16231C**

**Specification**

**IGBP1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P78318</a>
Other Accession	<a href="#">NP_001542.1</a>
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

E~~Use at an assay dependent concentration.

**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

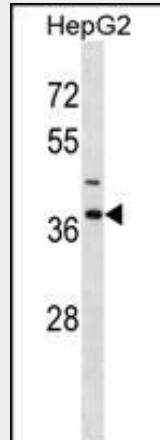
Ubiquitously expressed with highest levels in heart, skeletal muscle and pancreas

## 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 Cytometry](#)
- [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)  
Chen, G.I., et al. *J. Biol. Chem.* 283(43):29273-29284(2008)  
Aranda-Orgilles, B., et al. *PLoS ONE* 3 (10), E3507 (2008) :