bs-0298R **[Primary Antibody]**

IGBP1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3476 **SWISS:** P78318

Target: IGBP1

Immunogen: KLH conjugated synthetic peptide derived from human Immunoglobulin binding protein 1: 151-250/339.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008].

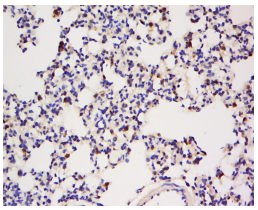
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1μg/Test)

Reactivity: Human, Rat (predicted: Mouse, Pig, Cow, GuineaPig)

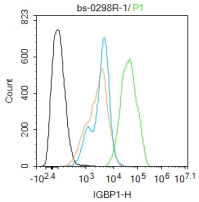
Predicted MW.: 44 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Tissue/cell: Rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-IGBP1 Polyclonal Antibody, Unconjugated(bs-0298R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control（black line）:HepG2. Primary Antibody (green line): Rabbit Anti-IGBP1 antibody (bs-0298R) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=5.9]** Duliurui Huang. et al. Analysis of the heterogeneity and complexity of murine extraorbital lacrimal gland via single-cell RNA sequencing. OCUL SURF. 2024 Jun;: IF ;Mouse. 38945476
- **[IF=4.21]** Luo, Guangying, et al. "Paternal bisphenol a diet changes prefrontal cortex proteome and provokes behavioral dysfunction in male offspring." Chemosphere (2017). WB ;="Mouse". 28641223
- **[IF=2.515]** Li T et al. Digital gene expression analyses of mammary glands from meat ewes naturally infected with

clinical mastitis. R. Soc. open sci. 2019,6: 181604. IHC ;Sheep. doi:10.1098/rsos.181604