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GPR15 Antibody
Catalog # ASC10058

Specification

GPR15 Antibody - Product Information

Application	**IF**
Primary Accession	U34806
Other Accession	U34806, 2838
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**Predicted: 40 kDa** **Observed: 49 kDa KDa**
Application Notes	**GPR15 antibody can be used for detection of GPR15 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL.**

GPR15 Antibody - Additional Information

Gene ID **2838**

Other Names
GPR15 Antibody: BOB, G protein-coupled receptor 15

Target/Specificity
GPR15 antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human GPR15.

The immunogen is located within the first 50 amino acids of GPR15.

Reconstitution & Storage
GPR15 antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
GPR15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GPR15 Antibody - Protein Information

GPR15 Antibody - Protocols

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

- Western Blot

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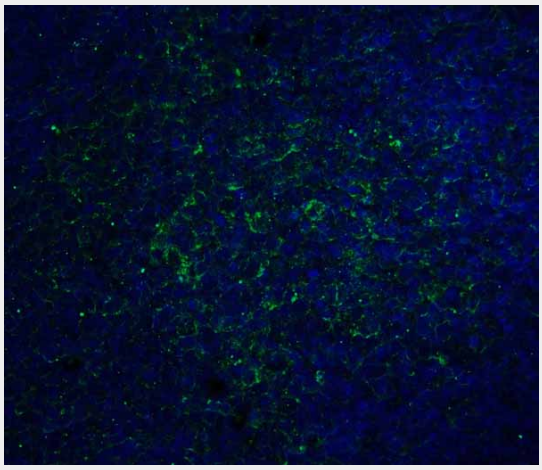
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR15 Antibody - Images



Immunofluorescence of ORAI1 in rat spleen tissue with ORAI1 antibody at 5 µg/ml.

GPR15 Antibody - Background

GPR15 Antibody: Human immunodeficiency virus (HIV) and related viruses require coreceptors to infect target cells. Some G protein-coupled receptors including CCR5, CXCR4, CCR3, CCR2b and CCR8 in the chemokine receptor family, and four other molecules GPR15, STRL33, GPR1 and V28 were recently identified as HIV coreceptors. GPR15, also known as BOB, is a G protein-coupled receptor that serves as coreceptor for the simian immunodeficiency virus (SIV), and for strains of HIV-2 and M-tropic HIV-1.

GPR15 Antibody - References

Heiber M, Marchese A, Nguyen T, et al. A novel human gene encoding a G-protein-coupled receptor (GPR15) is located on chromosome 3. Genomics 1996; 32:462-5
Deng HK, Unutmaz D, KewalRamani VN, et al. Expression cloning of new receptors used by simian and human immunodeficiency viruses. Nature 1997; 388:296-300
Farzan M, Choe H, Martin K, et al. Two orphan seven-transmembrane segment receptors which are expressed in CD4-positive cells support simian immunodeficiency virus infection. J. Exp. Med. 1997;186:405-11.