

GPR15 Antibody

Catalog # ASC10058

Product Information

Application	WB, E
Primary Accession	U34806
Other Accession	U34806 , 1171145
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	40 KDa
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	GPR15 antibody can be used for detection of GPR15 by Western blot at 0.5 - 1 μ g/mL.

Additional Information

Gene ID	2838
Other Names	GPR15 Antibody: BOB, G protein-coupled receptor 15
Target/Specificity	GPR15;
Reconstitution & Storage	GPR15 antibody can be stored at 4°C for three months and -20°C, 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.

Protein Information

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.

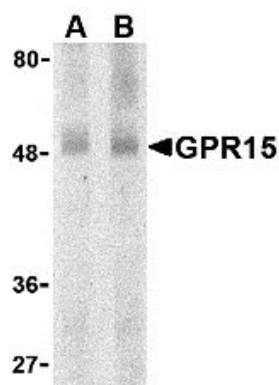
References

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.

Images



Western blot analysis of GPR15 in human spleen lysate with GPR15 antibody at (A) 0.5 and (B) 1 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.