

GPR15 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11576**Specification**

GPR15 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P49685
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40787

GPR15 Polyclonal Antibody - Additional Information**Gene ID** 2838**Other Names**

G-protein coupled receptor 15, Brother of Bonzo, BoB, GPR15

Target/Specificity

GPR15

Formulation

100 mg (0.5 mg/ml) affinity purified rabbit anti-GPR15 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions**Precautions**

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

GPR15 Polyclonal Antibody - Protein Information**Name** GPR15**Function**

Probable chemokine receptor. Alternative coreceptor with CD4 for HIV-1 infection.

Cellular Location

Cell membrane; Multi-pass membrane protein.

GPR15 Polyclonal Antibody - 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](#)

GPR15 Polyclonal Antibody - Images

GPR15 Polyclonal Antibody - Background

Human immunodeficiency virus (HIV) and related virus 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 new human molecules GPR15, STRL33, GPR1 and V28 were recently identified as HIV coreceptors. The gene encoding human and monkey GPR15/BOB (for G protein-coupled receptor 15 and brother of Bonzo, respectively,) were recently cloned. This novel G protein-coupled receptor serves as coreceptor for simian immunodeficiency virus (SIV), and for strains of HIV-2 and M-tropic HIV-1. The ligand for GPR15 has not been identified yet.