

**Product:** Anti-GPR15/BOB (NT)  
**Catalog #:** 12-2101  
**Amount:** 25 mg

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**CATEGORY:**  
**DESCRIPTION:**

**Rabbit** Polyclonal  
Human immunodeficiency virus (HIV) and related viruses require coreceptors to infect target cells. Some G protein-coupled receptors including CCR $\alpha$ , 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 genes encoding human and monkey GPR15/BOB (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.

**CATEGORY:**  
**FORM:**  
**IMMUNOGEN:**

**Rabbit** Polyclonal  
Purified IgG in PBS containing 0.02% Sodium Azide  
A peptide corresponding to amino acids 13 to 28 of human GPR15. The sequence differs from those of african green monkey and pig-tailed macaque BOB by one amino acid.  
Immunoblotting (min. dilution 1:500)  
Human, mouse, rat

**APPLICATION:**  
**REACTIVITY/SPECIES:**  
**RECOMMENDED FOR POSITIVE CONTROL:**  
**STORAGE:**

Jurkat or A549 cell lysate (50 kDa band can be detected)  
2-8°C for immediate use, or at -20°C (aliquot)

**12-2101-1 Blocking peptide available**

REFERENCES:  
Farzan, M et al. (1997) J Exp Med **186**: 405-411

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