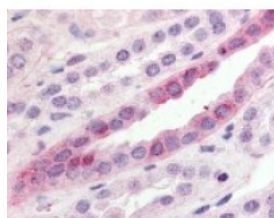




## GPR15 Antibody

CATALOG NUMBER: 48-120



Immunohistochemistry staining of GPR15  
in kidney tissue using GPR15 Antibody.

### Specifications

<b>SPECIES REACTIVITY:</b>	Chimpanzee, Gibbon, Gorilla, Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC
<b>APPLICATIONS:</b>	GPR15 antibody can be used in ELISA, and immunohistochemistry starting at 10 ug/mL.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>IMMUNOGEN:</b>	GPR15 antibody was raised against a peptide located in the C-Terminal cytoplasmic domain of GPR15 (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Immunoaffinity Chromatography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 0.1% sodium azide.
<b>STORAGE CONDITIONS:</b>	GPR15 antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	GPR15, Brother of Bonzo, G protein-coupled receptor 15, G-protein coupled receptor 15, BOB, Gpr-15
<b>ACCESSION NO.:</b>	P49685
<b>PROTEIN GI NO.:</b>	1346170
<b>OFFICIAL SYMBOL:</b>	GPR15
<b>GENE ID:</b>	2838

### Background

<b>BACKGROUND:</b>	G protein-coupled receptor GPR15 is an Orphan-A GPCR with an unknown ligand. Coreceptor usage of primary human immunodeficiency virus type 1 (HIV-1) isolates varies according to biological phenotype. The chemokine
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receptors CCR5 and CXCR4 are the major coreceptors that, together with CD4, govern HIV-1 entry into cells. Some HIV-1, HIV-2, and SIV isolates of different genetic subtypes and biological phenotypes use BOB/GPR15 for productive infection, suggesting that this cofactor may play a role in HIV-1 pathogenesis and transmission.

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**FOR RESEARCH USE ONLY**

December 13, 2016