

## Anti-NPSR1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 43 kDa.
Purification:	Protein A purified

## Applications

Application:	ELISA,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NPSR1
Antigen Species:	Human
Gene ID:	387129
Uniprot ID:	Q6W5P4
Synonyms:	GPRA;G protein coupled receptor PGR14;NPSR;MVTR;NPSR 1;VRR 1;nps receptor;PGR14;G protein coupled receptor 154;NPSR1;Neuropeptide S receptor;VRR1;GPR154;Vasopressin receptor related receptor 1;Neuropeptide S receptor 1;ASRT2;PGR 14;GPR 154;G protein coupled receptor for asthma susceptibility
Biology Area:	Macrophage / Inflamm.,More GPCR,GPCR

## Research Background

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR154 (G-protein coupled receptor 154), also known as NPSR1 (neuropeptide S receptor), GPRA (G-protein coupled receptor for asthma susceptibility) or PGR14, is a 371 amino acid protein that is thought to play a role in autocrine or paracrine signaling pathways. Ubiquitously expressed, GPR154 exists as nine alternatively spliced isoforms. Defects in the gene encoding GPR154 is the cause of asthma-related traits type 2 (ASRT2).

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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