



# Anti-NPSR1 (aa 2-53) polyclonal antibody (DPAB-DC1805)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is a member of the G protein-coupled receptor 1 family and encodes a plasma membrane protein. Increased expression of this gene in ciliated cells of the respiratory epithelium and in bronchial smooth muscle cells is associated with asthma. Mutations in this gene have also been associated with this disease. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
<b>Immunogen</b>	GPR154 (NP_997056, 2 a.a. ~ 53 a.a) partial recombinant protein with GST tag. The sequence is PANFTEGSFDSSGTGQTLDSSPVACTETVTFTEVVEGKEWGSFYYSFKTEQL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NPSR1 neuropeptide S receptor 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NPSR1
<b>Synonyms</b>	NPSR1; neuropeptide S receptor 1; GPRA; NPSR; VRR1; ASRT2; PGR14; GPR154; neuropeptide S receptor; G protein-coupled receptor 154; G-protein coupled receptor 154; G-protein coupled receptor PGR14; vasopressin receptor-related receptor 1; G protein-coupled receptor for asthma susceptibility; G-protein coupled receptor for asthma susceptibility;
<b>Entrez Gene ID</b>	<a href="#">387129</a>
<b>Protein Refseq</b>	<a href="#">NP_997055</a>
<b>UniProt ID</b>	<a href="#">Q6W5P4</a>
<b>Chromosome Location</b>	7p14.3
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors); G alpha (s) signalling events; GPCR ligand binding; Peptide ligand-binding receptors.
<b>Function</b>	neuropeptide receptor activity; vasopressin receptor activity;