

Rabbit NPSR1 / NPSR / GPR154 Polyclonal Antibody | anti-NPSR1 antibody

Rabbit Polyclonal to Human NPSR1 / NPSR / GPR154

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51719	Rabbit	Gibbon, Gorilla, Hamster, Human, Monkey, Mouse, Rat Predicted Reactivity: Bat, Bovine, Pig, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

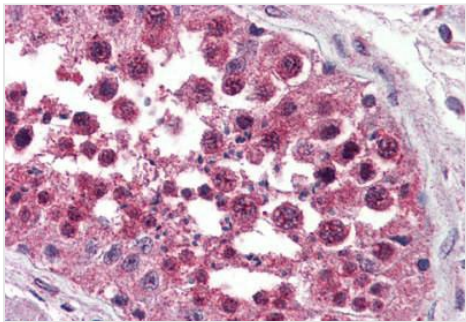
PRODUCT SYNONYMS

NPSR1 / NPSR / GPR154; Polyclonal Antibody; Rabbit Polyclonal to Human NPSR1 / NPSR / GPR154; Anti-NPSR1 / NPSR / GPR154 Antibody (Extracellular Domain) IHC-plus; NPSR1; ASRT2; G protein-coupled receptor 154; G-protein coupled receptor 154; GPR154; Neuropeptide S receptor 1; NPSR; PGR14; GPRA; Neuropeptide S receptor; VRR1; Human NPSR1; anti-NPSR1 antibody

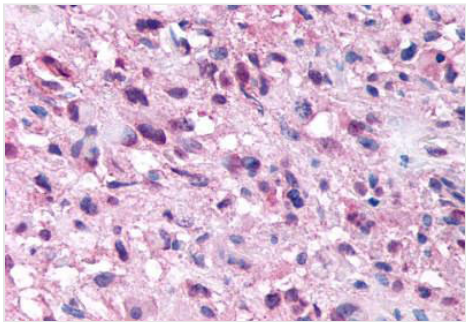
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Hamster, Human, Monkey, Mouse, Rat Predicted Reactivity: Bat, Bovine, Pig, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human NPSR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	371
Applicable Applications for anti-NPSR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from 2nd extracellular domain of human NPSR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster (100%).
Immunogen Type	Synthetic peptide
Immunogen	NPSR1 / NPSR / GPR154 antibody was raised against synthetic 18 amino acid peptide from 2nd extracellular domain of human NPSR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster (100%); Elephant, Panda, Bovine, Bat, Pig, Turkey, Chicken (94%); Dog, Opossum, Lizard (89%); Horse, Platypus (83%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

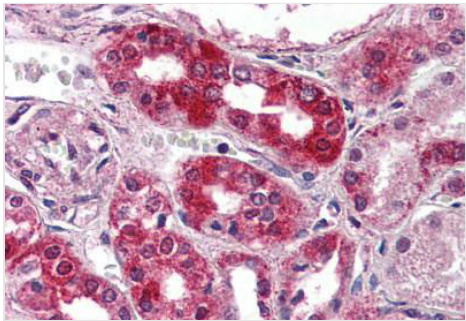
IMAGES



IHC (Immunohistochemistry)
Anti-NPSR1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-NPSR1 / NPSR / GPR154 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-NPSR1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-NPSR1 antibody	GPR154/Vasopressin Receptor-Related Receptor 1 belongs to the Vasopressin/Oxytocin. An endogenous ligand has been identified which upon binding causes intracellular calcium mobilization in a dose-dependent manner. Recently this receptor has been implicated in asthma (Laitinen et al. 2004). Two isoforms of the receptors have been isolated; isoform B shows increased expression in asthmatic patients.
Product Categories/Family for anti-NPSR1 antibody	Family: GPCR; Subfamily: Vasopressin/oxytocin

NCBI AND UNIPROT INFORMATION

NCBI GI #	46395496
NCBI GeneID	387129
NCBI Accession #	NP_997055.1
NCBI GenBank Nucleotide #	NM_207172.1
UniProt Accession #	Q6W5P4; Q2XP58; Q56H76; Q56H77; Q56H78; Q6JSL4; Q6JSL5; Q6JSL6; Q6JSL7; Q6JSL8; Q6W5P3; A2RTZ4
Molecular Weight	10,612 Da
NCBI Official Full Name	neuropeptide S receptor isoform A
NCBI Official Synonym Full Names	neuropeptide S receptor 1
NCBI Official Symbol	NPSR1
NCBI Official Synonym Symbols	GPRA; NPSR; VRR1; ASRT2; PGR14; GPR154

NCBI Protein Information	neuropeptide S receptor; G-protein coupled receptor 154; G-protein coupled receptor PGR14; vasopressin receptor-related receptor 1; G-protein coupled receptor for asthma susceptibility
UniProt Protein Name	Neuropeptide S receptor
UniProt Gene Name	NPSR1
UniProt Synonym Gene Names	GPR154; GPRA; PGR14
UniProt Entry Name	NPSR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/npsr1-npsr-gpr154-antibody-immunohistochemistry-elisa/51719>