

A16618

Leader in Biomolecular Solutions for Life Science



NPSR1 Rabbit pAb

Catalog No.: A16618

Basic Information

Observed MW

43kDa

Calculated MW

43kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

This gene encodes a member of the vasopressin/oxytocin subfamily of G protein-coupled receptors. The encoded membrane protein acts as a receptor for neuropeptide S and affects a variety of cellular processes through its signaling. Increased expression of this gene in ciliated cells of the respiratory epithelium and in bronchial smooth muscle cells is associated with asthma. Polymorphisms in this gene have also been associated with asthma susceptibility, panic disorders, inflammatory bowel disease, and rheumatoid arthritis. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

387129

Swiss Prot

Q6W5P4

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human NPSR1 (NP_001287863.1).

Synonyms

GPRA; NPSR; VRR1; ASRT2; PGR14; GPR154; NPSR1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

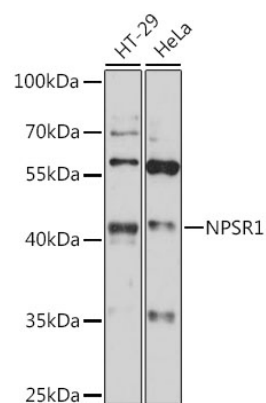
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using NPSR1 Rabbit pAb (A16618) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 10s.