

Anti-Human/Mouse/Rat PROKR1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05599

3th Edition

Description: This gene encodes a member of the G-protein-coupled receptor family. The encoded protein binds to prokineticins (1 and 2), leading to the activation of MAPK and STAT signaling pathways. Prokineticins are protein ligands involved in angiogenesis and inflammation. The encoded protein is expressed in peripheral tissues such as those comprising the circulatory system, lungs, reproductive system, endocrine system and the gastrointestinal system. The protein may be involved in signaling in human fetal ovary during initiation of primordial follicle formation. Sequence variants in this gene may be associated with recurrent miscarriage. PROKR1 (Prokineticin Receptor 1) is a Protein Coding gene. Diseases associated with PROKR1 include Ectopic Pregnancy. Among its related pathways are Peptide ligand-binding receptors and RET signaling. GO annotations related to this gene include G-protein coupled receptor activity and neuropeptide Y receptor activity. An important paralog of this gene is PROKR2.

Antigen: Synthesized peptide derived from the N-terminal region of human PKR1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in the stomach, throughout the small intestine, colon, rectum, thyroid gland, pituitary gland, salivary gland, adrenal gland, testis, ovary, brain, spleen, prostate and pancreas.