

Anti-Human/Mouse/Rat ETAR Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA03847

3th Edition

Description: This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants.

Antigen: Synthesized peptide derived from the C-terminal region of human ETAR

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: Isoform 1, isoform 3 and isoform 4 are expressed in a variety of tissues, with highest levels in the aorta and cerebellum, followed by lung, atrium and cerebral cortex, lower levels in the placenta, kidney, adrenal gland, duodenum, colon, ventricle and liver but no expression in umbilical vein endothelial cells. Within the placenta, isoform 1, isoform 2, isoform 3 and isoform 4 are expressed in the villi and stem villi vessels.