

Anti-Human SLC6A14 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06260

3th Edition

Description: This gene encodes a member of the solute carrier family 6. Members of this family are sodium and chloride dependent neurotransmitter transporters. The encoded protein transports both neutral and cationic amino acids. This protein may also function as a beta-alanine carrier. Mutations in this gene may be associated with X-linked obesity. A pseudogene of this gene is found on chromosome X. SLC6A14 (Solute Carrier Family 6 Member 14) is a Protein Coding gene. Diseases associated with SLC6A14 include Obesity Bmiq11 and Meconium Ileus. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and Amino acid transport across the plasma membrane. GO annotations related to this gene include amino acid transmembrane transporter activity and neurotransmitter:sodium symporter activity. An important paralog of this gene is SLC6A5.

Antigen: Synthesized peptide derived from the C-terminal region of human SLC6A14.

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: Levels are highest in adult and fetal lung, in trachea and salivary gland. Lower levels detected in mammary gland, stomach and pituitary gland, and very low levels in colon, uterus, prostate and testis.