

**Anti-Human SLC29A4 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA10543**

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3th Edition

**Description:** This gene encodes a member of the SLC29A/ENT transporter protein family. The encoded membrane protein catalyzes the reuptake of monoamines into presynaptic neurons, thus determining the intensity and duration of monoamine neural signaling. It has been shown to transport several compounds, including serotonin, dopamine, and the neurotoxin 1-methyl-4-phenylpyridinium. Alternative splicing results in multiple transcript variants.

**Antigen:** Recombinant protein of human SLC29A4

**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 abundantly in the heart, in both cardiomyocytes and vascular endothelial cells (at protein level). Highly expressed in brain, kidney and skeletal muscle. In the brain expressed in cerebellum, cerebral cortex, medulla, occipital pole, frontal and temporal lobes putamen and in the spinal cord. Lower expression in liver, pancreas, and liver. Expressed in endometrial tissue, exclusively in the stroma. Expression is high in the proliferative phase, decreases during the secretory phase, and is no longer detectable in the menstrual phase.