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# SLC29A1 Polyclonal Antibody

**Cat #:** G-AB-08102

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
This gene is a member of the equilibrative nucleoside transporter family. The gene encodes a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium. The protein is categorized as an equilibrative (as opposed to concentrative) transporter that is sensitive to inhibition by nitrobenzylthioinosine (NBMPR). Nucleoside transporters are required for nucleotide synthesis in cells that lack de novo nucleoside synthesis pathways, and are also necessary for the uptake of cytotoxic nucleosides used for cancer and viral chemotherapies. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.

**Gene ID:** 2030

**Accession #:**

**Immunogen:** A synthetic peptide of human SLC29A1 (NP_001071645.1).

**Conjugation:** Unconjugated

**Swissprot:** Q99808

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IHC

**Dilution:** IHC 1:50-1:200

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