

	<h1>SLC1A5 Rabbit pAb</h1>	E 2 5 0 6 9 8 1
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<b>Swiss-Prot No.:</b>	Q15758
<b>Altername:</b>	SLC1A5
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 154-224 of human SLC1A5 (NP_005619.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human
<b>Other Names:</b>	R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1
<b>Cellular localization:</b>	Cell membrane, Membrane
<b>Relevance:</b>	Sodium-dependent amino acids transporter that has a broad substrate specificity, with a preference for zwitterionic amino acids. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated, anionic, and cationic amino acids (PubMed:8702519). Through binding of the fusogenic protein syncytin-1/ERVW-1 may mediate trophoblasts syncytialization, the spontaneous fusion of their plasma membranes, an essential process in placental development (PubMed:10708449, PubMed:23492904).

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<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	50kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000 (Optimal dilutions should be determined by the end user)