

SLC6A8 Polyclonal Antibody
Catalog # AP72501**Specification**

SLC6A8 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P48029
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

SLC6A8 Polyclonal Antibody - Additional Information**Gene ID** 6535**Other Names**SLC6A8; Sodium- and chloride-dependent creatine transporter 1; CT1; Creatine transporter 1;
Solute carrier family 6 member 8**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

SLC6A8 Polyclonal Antibody - Protein Information**Name** SLC6A8**Function**

Creatine:sodium symporter which mediates the uptake of creatine (PubMed:17465020, PubMed:22644605, PubMed:25861866, PubMed:7945388, PubMed:7953292, PubMed:9882430). Plays an important role in supplying creatine to the brain via the blood-brain barrier (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein

Tissue Location

Predominantly expressed in skeletal muscle and kidney. Also found in brain, heart, colon, testis

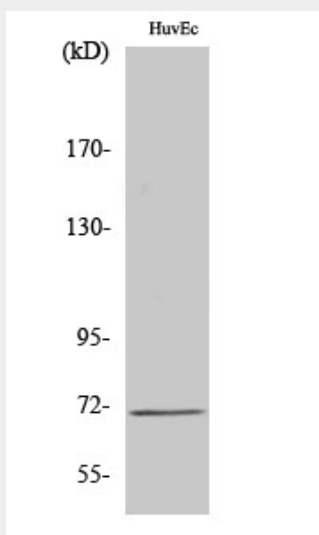
and prostate

SLC6A8 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC6A8 Polyclonal Antibody - Images



SLC6A8 Polyclonal Antibody - Background

Required for the uptake of creatine in muscles and brain.