10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SLC6A8 Polyclonal Antibody

Catalog # AP72501

Product Information

Application	WB, IHC-P
Primary Accession	P48029
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70523

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. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

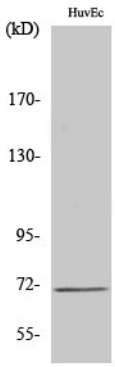
Protein Information

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

Background

Required for the uptake of creatine in muscles and brain.

Images



Western Blot analysis of various cells using SLC6A8 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.