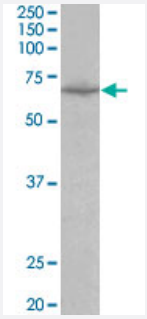
SLC6A8 polyclonal antibody

Catalog # PAB24601 Size 100 ug

Applications



Western Blot (Tissue lysate)

SLC6A8 polyclonal antibody (Cat # PAB24601) (0.1 ug/mL) staining of mouse heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC6A8.
Immunogen	A synthetic peptide corresponding to internal region of human SLC6A8.
Sequence	ASLANLTCDQLADRR
Host	Goat
Theoretical MW (kDa)	70
Reactivity	Mouse
Specificity	This antibody is expected to recognize all reported isoforms (NP_005620.1; NP_001136277.1; NP_001136278.1).
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	ELISA (1:8000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  SLC6A8 polyclonal antibody (Cat # PAB24601) (0.1 ug/mL) staining of mouse heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — SLC6A8

Entrez GeneID	6535
Protein Accession#	NP_005620.1;NP_001136277.1;NP_001136278.1
Gene Name	SLC6A8
Gene Alias	CRT, CRTR, CT1, MGC87396
Gene Description	solute carrier family 6 (neurotransmitter transporter, creatine), member 8
Omim ID	300036 300352
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma membrane protein whose function is to transport cr eatine into and out of cells. Defects in this gene can result in X-linked creatine deficiency syndrom e. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000025945|creatine transporter SLC6A8|sodium- and chloride-dependent creatine transporter 1|solute carrier family 6 member 8

Disease

- Autistic Disorder

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- Mental Retardation

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