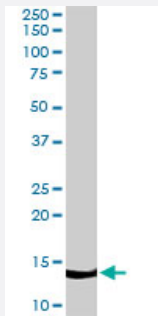


PVALB polyclonal antibody

Catalog # PAB6802

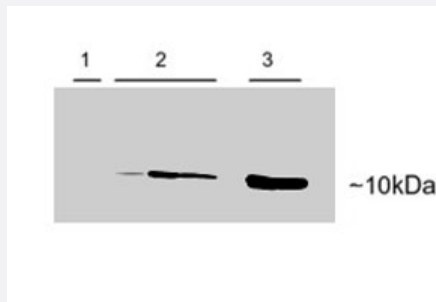
Size 100 ug

Applications



Western Blot (Tissue lysate)

PVALB polyclonal antibody (Cat # PAB6802) (0.1 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

PVALB polyclonal antibody (Cat # PAB6802) (0.15 ug/mL) staining of adenovirus-mediated gene transfer in rat heart cells (1) Untransfected, (2) transient transfection with human PVALB. (3) Untransfected rat skeletal muscle. Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PVALB.
Immunogen	A synthetic peptide corresponding to human PVALB.
Sequence	C-GVDEFSTLVAES
Host	Goat
Theoretical MW (kDa)	12.1
Reactivity	Human, Rat
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
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 should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

PVALB polyclonal antibody (Cat # PAB6802) (0.1 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

PVALB polyclonal antibody (Cat # PAB6802) (0.15 ug/mL) staining of adenovirus-mediated gene transfer in rat heart cells (1) Untransfected, (2) transient transfection with human PVALB. (3) Untransfected rat skeletal muscle. Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PVALB

Entrez GeneID	5816
Protein Accession#	NP_002845.1
Gene Name	PVALB
Gene Alias	D22S749, MGC116759
Gene Description	parvalbumin
Omim ID	168890

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. [provided by RefSeq]

Other Designations

parvalbumin alpha

Publication Reference

- [Relationship of brain-derived neurotrophic factor and its receptor TrkB to altered inhibitory prefrontal circuitry in schizophrenia.](#)

Hashimoto T, Bergen SE, Nguyen QL, Xu B, Monteggia LM, Pierri JN, Sun Z, Sampson AR, Lewis DA.

Journal of Neuroscience 2005 Jan; 25(2):372.