

## Anti-Parvalbumin antibody (C-Term) (STJ70716)

STJ70716

### GENERAL INFORMATION

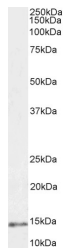
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Parvalbumin (C-Term) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA, WB, IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Rat

### PRODUCT PROPERTIES

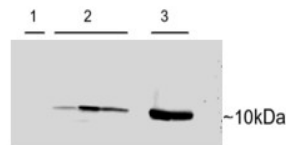
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	WB-0.1-0.3µg/ml IHC-2.5µg/ml FC-Flow cytometric analysis of Kelly cells. 10ug/ml ELISA-antibody detection limit dilution 1:32000.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20 on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

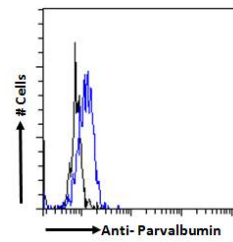
<b>Gene ID</b>	5816
<b>Gene Symbol</b>	PVALB
<b>Uniprot ID</b>	PRVA_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	Reported variants represent identical protein: NP_002845.1, NP_001302461.1
<b>Immunogen Sequence</b>	GVDEFSTLVAES



STJ70716 (0.3µg/ml) staining of Human Cerebellum lysate (50µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70716 (0.15µg/ml) staining of adenovirus-mediated gene transfer in Rat Heart cells 1) Untransfected, 2) transient transfection with Human PVALB, 3) Untransfected Rat Skeletal Muscle. Detected by chemiluminescence.



STJ70716 Flow cytometric analysis of paraformaldehyde fixed Kelly cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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