

Anti-PVALB antibody (1-110) (STJ115499)
STJ115499

GENERAL INFORMATION

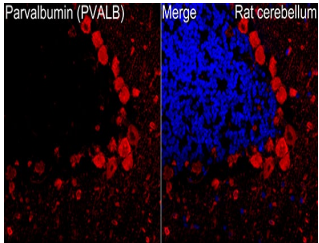
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

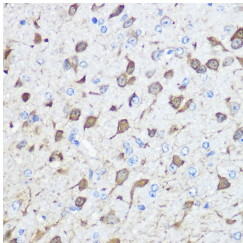
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

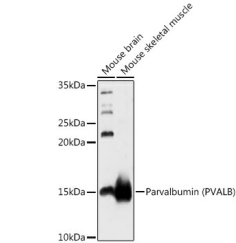
Gene ID	5816
Gene Symbol	PVALB
Uniprot ID	PRVA_HUMAN
Immunogen	
Immunogen Region	1-110
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human Parvalbumin (Parvalbumin (PVALB)) (NP_002845.1).
Immunogen Sequence	MSMTDLLNAEDIKKAVGAFS ATDSFDHKFFQMVGLKKKS ADDVKKVFHMLDKDKSGFIE EDELGFILKGFSPDARDLSA KETKMLMAAGDKDGDGKIGV DEFSTLVAES



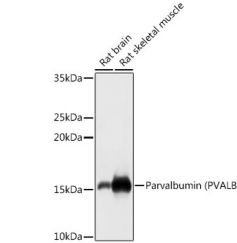
Immunofluorescence analysis of rat cerebellum tissue using Anti-Parvalbumin (PVALB) Rabbit polyclonal antibody (STJ115499) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of Parvalbumin (PVALB) in paraffin-embedded human esophageal tissue using Anti-Parvalbumin (PVALB) Rabbit polyclonal antibody (STJ115499) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using Anti-Parvalbumin (PVALB) Rabbit polyclonal antibody (STJ115499) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of various lysates using Anti-Parvalbumin (PVALB) Rabbit polyclonal antibody (STJ115499) at 1:1000 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

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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