

Anti-Parvalbumin (PV)

Product Information:

1)	Catalog #:	MSFR105210
	Item Name:	PV (parvalbumin) pAb (Rb) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	PV-Rb-Af750
	RRID :	AB_2571613
2)	Catalog #:	MSFR105220
	Item Name:	PV (parvalbumin) pAb (Rb) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Rabbit
	Product Code :	PV-Rb-Af750
	RRID :	AB_2571613
3)	Catalog #:	MSFR105230
	Item Name:	PV (parvalbumin) pAb (Go) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Goat
	Product Code :	PV-Go-Af460
	RRID :	AB_2571614
4)	Catalog #:	MSFR105240
	Item Name:	PV (parvalbumin) pAb (Go) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Goat
	Product Code :	PV-Go-Af460
	RRID :	AB_2571614
5)	Catalog #:	MSFR105250
	Item Name:	PV (parvalbumin) pAb (GP) 20ug
	Size :	20µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	PV-GP-Af1000
	RRID :	AB_2571615
6)	Catalog #:	MSFR105260
	Item Name:	PV (parvalbumin) pAb (GP) 50ug
	Size :	50µg (affinity-purified with antigen polypeptide)
	Species :	Guinea pig
	Product Code :	PV-GP-Af1000
	RRID :	AB_2571615

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

Storage : Store at cool temp (2-10°C).

The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit / guinea pig / goat, polyclonal

Antigen : mouse PV , whole sequence

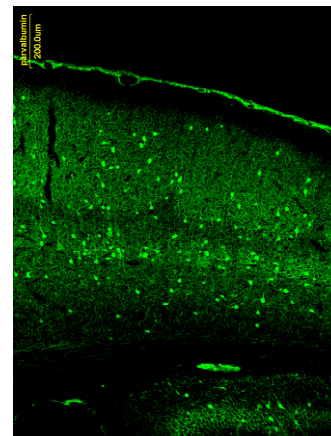
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(NM013645)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 13 kDa.
This selectively stains subpopulations of interneurons as well as cerebellar Purkinje cells.

Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.



Research Use : For research use only, not for use in diagnostic procedures.

Remarks : PV antibodies raised in the rabbit, guinea pig, and goat are equal in specificity and titer.

Reference : 1) Nakamura, M., Sato, K., Fukaya, M., Araishi, K., Aiba, A., Kano, M., Watanabe, M. (2004) Signaling complex formation of phospholipase C β 4 with mGluR1 α and IP3R1 at the perisynapse and endoplasmic reticulum in the mouse brain. *Eur. J. Neurosci* 20:2929-2944.
2) Miura, E., Fukaya, M., Sato, T., Sugihara, K., Asano, M., Yoshioka, K., Watanabe, M. (2006) Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and adult mouse brain. *J. Neurochem.* 97:1431-1446.

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