




Product datasheet

Anti-Parvalbumin antibody ab32895

★★★★★ [6 Abreviews](#) [9 References](#) [2 Images](#)

Overview

Product name	Anti-Parvalbumin antibody
Description	Goat polyclonal to Parvalbumin
Host species	Goat
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse, Xenopus laevis, Macaque monkey 
Immunogen	Synthetic peptide corresponding to Human Parvalbumin aa 99-110 (C terminal). Sequence: GVDEFSTLVAES Database link: P20472  Run BLAST with  Run BLAST with
Positive control	WB: Human cerebellum and rat brain tissue lysate. Flow Cyt: Kelly cells
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab32895 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

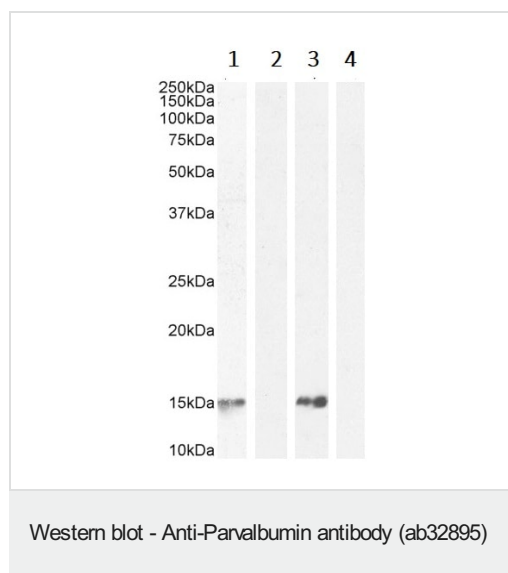
Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 0.01 - 0.3 µg/ml. Detects a band of approximately 12 kDa (predicted molecular weight: 12 kDa). Block using milk. Primary incubation 1 hour at room temperature. Recommended concentration: 0.1-0.3µg/ml.
Flow Cyt		Use a concentration of 10 µg/ml.

Target

Function In muscle, parvalbumin is thought to be involved in relaxation after contraction. It binds two calcium ions.

Sequence similarities Belongs to the parvalbumin family.
Contains 2 EF-hand domains.

Images



Lanes 1-2 : Anti-Parvalbumin antibody (ab32895) at 0.01 µg/ml

Lanes 3-4 : Anti-Parvalbumin antibody (ab32895) at 0.3 µg/ml

Lane 1 : Human cerebellum tissue lysate

Lane 2 : Human cerebellum tissue lysate + peptide

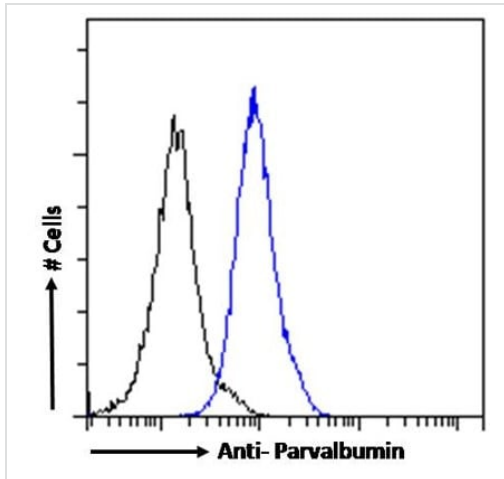
Lane 3 : Rat brain tissue lysate

Lane 4 : Rat brain tissue lysate + peptide

Lysates/proteins at 35 µg per lane.

Predicted band size: 12 kDa

Lysate in RIPA buffer. Detected by chemiluminescence.



Flow Cytometry - Anti-Parvalbumin antibody
(ab32895)

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

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