

Datasheet for ABIN1742390
anti-LRRC7 antibody (AA 877-891)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	50 µg
Target:	LRRC7
Binding Specificity:	AA 877-891
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide of rat densin (aa 877-891) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for densin 180.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	LRRC7
Alternative Name:	Densin 180 (LRRC7 Products)
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB: not recommended IP: not tested yet ICC: 1 : 500 IHC: not tested yet
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Comment:	The crude antiserum is recommended for WB (stronger signals).
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
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Buffer:	PBS
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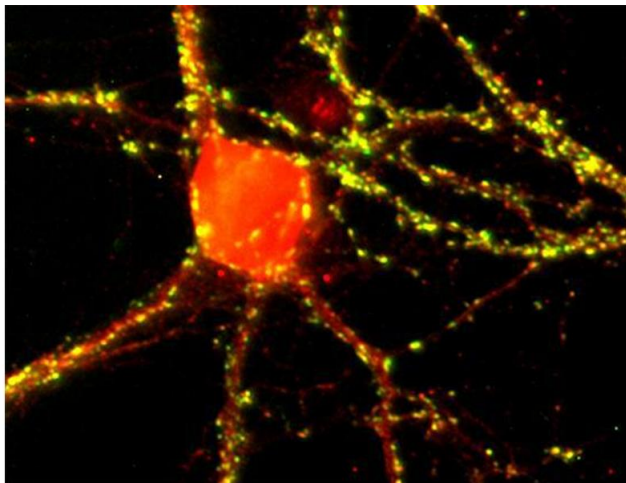
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
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Storage:	-20 °C
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Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!
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Publications

Product cited in:	Otero, Fellows, Li, de Bizemont, Dirac, Gustafsson, Erdjument-Bromage, Tempst, Svejstrup: "Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation." in: Molecular cell , Vol. 3, Issue 1, pp. 109-18, (1999) (PubMed).
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Immunocytochemistry

Image 1. Immunostaining of hippocampus neurons with anti-densin (dilution 1 : 500, red) and anti-synapsin (cat. no. 106 001, dilution 1 : 500, green). Positive clusters (red) can be found on the postsynaptic neuron juxtaposed to presynaptic nerve terminals (green).