

Datasheet for ABIN1742245
anti-Clathrin antibody (AA 156-173)

2 Images

11 Publications

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Overview

Quantity:	100 µg
Target:	Clathrin
Binding Specificity:	AA 156-173
Reactivity:	Rat, Human, Mouse, Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide IADKAFYQQPDADTIGYV (aa 156-173) corresponding to the spliced insert of the neuronal light chain variants.
Clone:	57-4
Isotype:	IgG1
Specificity:	Specific for both neuronal light chains
Cross-Reactivity (Details):	does not cross-react with the non-neuronal variants.
Purification:	purified IgG

Target Details

Target:	Clathrin
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Abstract: [Clathrin Products](#)

Application Details

Application Notes:	WB: 1 : 5000 up to 1 : 10000 (AP staining) IP: not tested yet ICC: 1 : 1000 IHC-P: 1 : 2000
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Comment:	Suitable for immunogold electron microscopy.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	For reconstitution add 100 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:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus lose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
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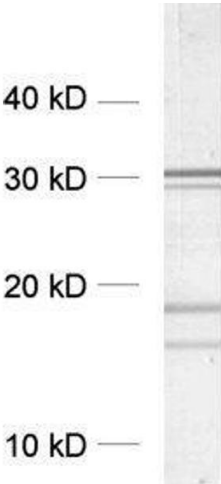
Storage:	-20 °C
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Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.
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Publications

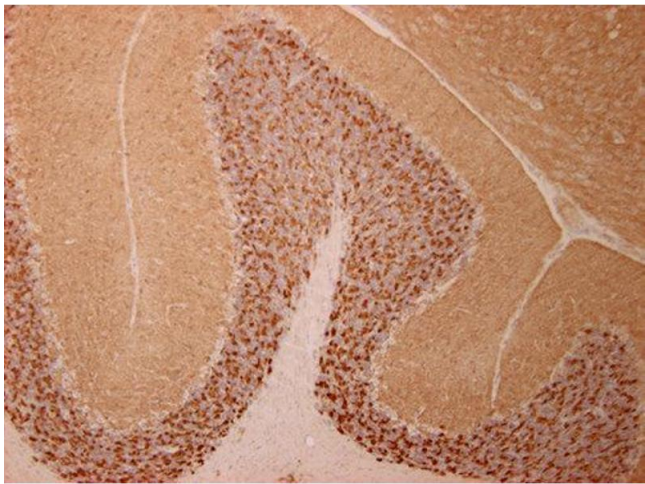
Product cited in:	Yeo, Ting, Brena, Koh, Chen, Toh, Lim, Oh, Lee: "Genome-Wide Transcriptome and Binding Sites Analyses Identify Early FOX Expressions for Enhancing Cardiomyogenesis Efficiency of hESC Cultures." in: Scientific reports , Vol. 6, pp. 31068, (2016) (PubMed).
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There are more publications referencing this product on: [Product page](#)



Western Blotting

Image 1. dilution: 1 : 5000, sample: crude synaptosomal fraction of rat brain (P2)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunostaining of paraffin embedded sections from mouse cerebellum (dilution 1 : 2000). Immunoreactivity was revealed using diaminobenzidine as chromagen.