

Datasheet for ABIN1742188

**anti-Synaptogyrin 1 antibody (AA 170-234)**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	50 µg
Target:	Synaptogyrin 1 (SYNGR1)
Binding Specificity:	AA 170-234
Reactivity:	Human, Mouse, Rat, Hamster
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant rat synaptogyrin 1 (aa 170-234).
Clone:	80-1
Isotype:	IgG1
Specificity:	Specific for synaptogyrin 1 with a weak side-reactivity towards tubulin.
Purification:	purified IgG

## Target Details

Target:	Synaptogyrin 1 (SYNGR1)
Alternative Name:	Synaptogyrin 1 ( <a href="#">SYNGR1 Products</a> )
Background:	Synonyms: p29

## Target Details

Pathways: [Regulation of long-term Neuronal Synaptic Plasticity](#)

## Application Details

Application Notes:	WB: 1 : 1000 (AP staining) ICC: 1 : 100
Comment:	IP: In immunoprecipitation (but not in other assays) tubulin coprecipitates with synaptogyrin 1 in about equal proportions. This is due to a direct binding of the antibody to tubulin. ELISA: Suitable as capture antibody for sandwich-ELISA with ABIN1742189 as detector antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
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 loose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
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.

## 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: <b>Molecular cell</b> , Vol. 3, Issue 1, pp. 109-18, (1999) ( <a href="#">PubMed</a> ).
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Western Blotting

**Image 1.** dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)