

[Go to Product page](#)

## Datasheet for ABIN7112234 **anti-Calsyntenin 1 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg                                       |
| Target:      | Calsyntenin 1 (CLSTN1)                       |
| Reactivity:  | Human, Mouse, Rat                            |
| Host:        | Rabbit                                       |
| Clonality:   | Polyclonal                                   |
| Conjugate:   | This Calsyntenin 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA                 |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | calsyntenin 1                   |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | Calsyntenin 1 (CLSTN1)  |
| Alternative Name: | CLSTN1 ( <a href="#">CLSTN1 Products</a> )  |
| Background:       | Synonyms:CS1, KIAA0911 Background:Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation. In complex with APBA2 and C99, a C-terminal |

## Target Details

APP fragment, abolishes C99 interaction with PSEN1 and thus APP C99 cleavage by gamma-secretase, most probably through stabilization of the direct interaction between APBA2 and APP. The intracellular fragment AICD suppresses APBB1-dependent transactivation stimulated by APP C-terminal intracellular fragment(AICD), most probably by competing with AICD for APBB1-binding. May modulate calcium-mediated postsynaptic signals(By similarity).

Molecular Weight: 109kd

Gene ID: 22883

UniProt: [O94985](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months