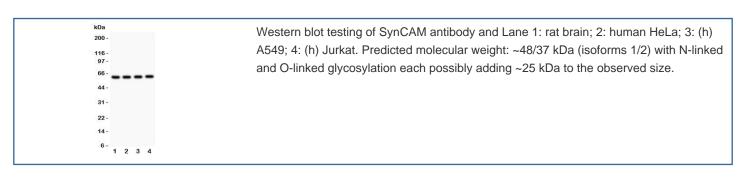


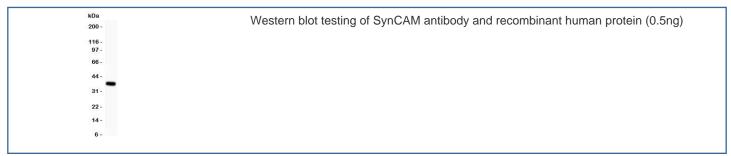
# SynCAM Antibody (R31557)

Catalog No.	Formulation	Size
R31557	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	23705
Applications	Western Blot : 0.5-1ug/ml
Limitations	This SynCAM antibody is available for research use only.





Cell adhesion molecule 1 is a protein that, in humans, is encoded by the CADM1 gene. This gene is also known as IGSF4, SYNCAM or TSLC1, and it is mapped to 11q23.3. It functions as a homophilic cell adhesion molecule at the synapse. Expression of the isolated cytoplasmic tail of SynCAM in neurons inhibited synapse assembly. Conversely, expression of full-length protein in nonneuronal cells induced synapse formation by cocultured hippocampal neurons with normal release properties.

### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the SynCAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

Human partial recombinant protein (AA 45-340) was used as the immunogen for this SynCAM antibody.

### **Storage**

After reconstitution, the SynCAM antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.