

### **CLMP Antibody (C-Term)**

Peptide-affinity purified goat antibody Catalog # AF2845a

### **Specification**

### **CLMP Antibody (C-Term) - Product Information**

Application WB
Primary Accession O9H6B4

Other Accession <u>NP\_079045.1</u>, <u>79827</u>

Reactivity
Host
Clonality
Concentration
Isotype
Calculated MW
Human
Goat
Coat
Polyclonal
0.5 mg/ml
IgG
41281

## **CLMP Antibody (C-Term) - Additional Information**

### **Gene ID** 79827

#### **Other Names**

CXADR-like membrane protein, Adipocyte adhesion molecule, Coxsackie- and adenovirus receptor-like membrane protein, CAR-like membrane protein, CLMP, ACAM, ASAM

#### **Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

## **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

CLMP Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

### **CLMP Antibody (C-Term) - Protein Information**

#### Name CLMP

Synonyms ACAM, ASAM

#### **Function**

May be involved in the cell-cell adhesion. May play a role in adipocyte differentiation and development of obesity. Is required for normal small intestine development.

#### **Cellular Location**

Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein



### **Tissue Location**

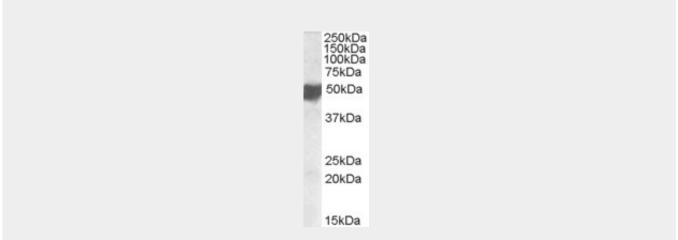
Predominantly expressed in epithelial cells within different tissues and in the white adipose tissue. Expressed at high levels in small intestine and placenta, at intermediate levels in the heart, skeletal muscle, colon, spleen, kidney and lung and at low levels in the liver and peripheral blood leukocytes. Highly abundant in the intestine during embryo and fetal development (at protein level)

# **CLMP Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# CLMP Antibody (C-Term) - Images



AF2845a staining (0.5  $\mu$ g/ml) of Human Placenta lysate (RIPA buffer, 35  $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

#### **CLMP Antibody (C-Term) - References**

CLMP, a novel member of the CTX family and a new component of epithelial tight junctions. Raschperger E, Engstrom U, Pettersson RF, Fuxe J. J Biol Chem. 2004 Jan 2;279(1):796-804. PMID: 14573622