SunLong Biotech Co.,LTD
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Rabbit Anti-ASAM antibody

SL6022R

Product Name	ASAM
Chinese Name	脂肪细胞特异性粘附分子抗体
Alias	ACAM; Adipocyte specific adhesion molecule; CAR like membrane protein; CLMP; Coxsackie and adenovirus receptor like membrane protein; CLMP_HUMAN.
Research Area	immunology Signal transduction Cell Surface Molecule Cytoskeleton
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep)
Applications	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	39kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ASAM/ACAM: 15-110/373 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	The CTX family of proteins, including ASAM, are type I transmembrane proteins within the Ig superfamily that localize to junctional complexes

between endothelial and epithelial cells and may play a role in cell-cell adhesion.

Function:
May be involved in the cell-cell adhesion. May play a role in adipocyte differentiation and development of obesity.

Subunit:
Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein (Potential).

Subcellular Location:
Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein (Potential).

Tissue Specificity:
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.

Similarity:
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:
Q9H6B4

Gene ID:
79827

Database links:

Entrez Gene: 79827 Human

Entrez Gene: 71566 Mouse

Entrez Gene: 286939 Rat

Omim: 611693 Human

SwissProt: Q9H6B4 Human

SwissProt: Q8R373 Mouse

SwissProt: Q8K1G0 Rat

Unigene: 591949 Human

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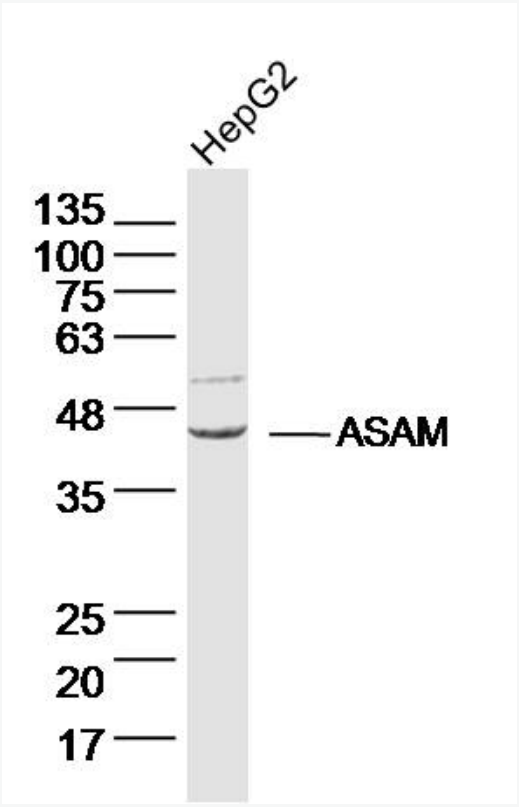
Unigene: 280560 Mouse

Unigene: 163013 Rat

Product Picture



Sample: HepG2 Cell Lysate at 40 ug

Primary: Anti-ASAM (SL6022R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 39 kD

Observed band size: 44 kD