

CEACAM1 Polyclonal Antibody

Catalog No. E-AB-40353

Note: Centrifuge before opening to ensure complete recovery of vial contents.

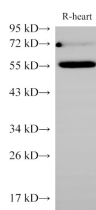
Description

Reactivity	Rat
Immunogen	Recombinant Rat Carcinoembryonic antigen-related cell adhesion molecule 1 protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

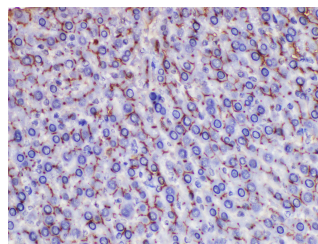
Applications Recommended Dilution

WB	1:500-1:1000
IHC	1:100-1:300

Data



Western Blot analysis of Rat Heart using Ceacam1 Polyclonal Antibody at dilution of 1:1000
Observed Mw:57 kDa
Calculated Mw:57,50 kDa



Immunohistochemistry of paraffin-embedded Rat liver using Ceacam1 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup.

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