

## Rabbit anti-Rat Carcinoembryonic Antigen Related Cell Adhesion Molecule 1 (CEACAM1) Polyclonal Antibody | anti-CEACAM1 antibody

Polyclonal Antibody to Carcinoembryonic Antigen Related Cell Adhesion Molecule 1 (CEACAM1)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA131827 | Rabbit | Rat        | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

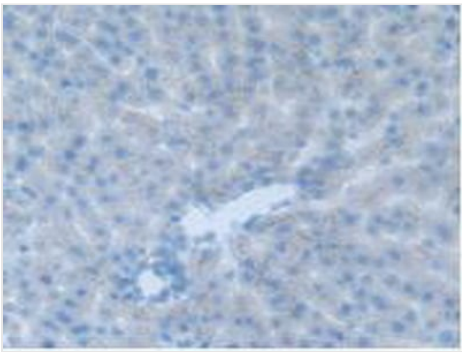
### PRODUCT SYNONYMS

Carcinoembryonic Antigen Related Cell Adhesion Molecule 1 (CEACAM1); Polyclonal Antibody; Polyclonal Antibody to Carcinoembryonic Antigen Related Cell Adhesion Molecule 1 (CEACAM1); anti-CEACAM1 antibody

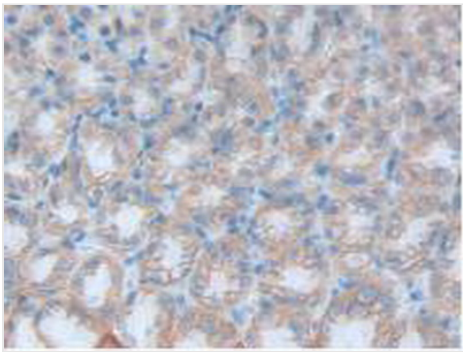
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity                                       | The antibody is a rabbit polyclonal antibody raised against CEACAM1. It has been selected for its ability to recognize CEACAM1 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                               |
| Purity/Purification                               | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                       | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                                         |
| Concentration                                     | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence                                          | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-VTGNN SNP MEGEPFVSLM CEPYTNNTSY LWSRNGESLS EGDRVTFSEG NRTLTLNVR<br>RTDKGYECE ARNPATFNRS DPFNLDVIYG PDAPVISPPD IYLHQGSNLN LSCHADSNPP AQYFWLINEK<br>LQTSSQELFI SNITTNNSGT YACFVNNTVT GLSRTTVKNI TVFEPVTQPS IQITNTTVKE LGSVLTLCFS<br>KDTGVSVRWL FNSQSLQLTD RMTLSQDNST LRIDPIKRED AGDYQCEISN PVSFRIS |
| Sequence Length                                   | 521                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-CEACAM1 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                         | Recombinant CEACAM1 (Val149~Ser403) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                                  | Rat                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugated Antibody                               | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                           | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                      |

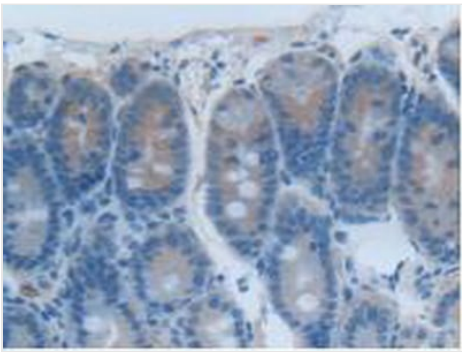
IMAGES



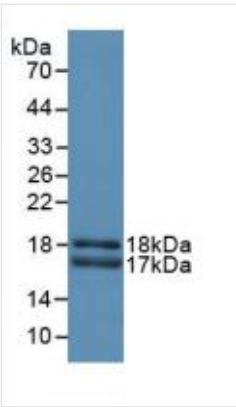
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Liver Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Stomach Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Intestine Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant CEACAM1, Rat.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 76496477                                                            |
| NCBI GeneID                      | 81613                                                               |
| NCBI Accession #                 | NP_001029032.1                                                      |
| NCBI GenBank Nucleotide #        | NM_001033860.1                                                      |
| UniProt Accession #              | P16573; Q63093                                                      |
| Molecular Weight                 | 50,760 Da                                                           |
| NCBI Official Full Name          | carcinoembryonic antigen-related cell adhesion molecule 1 isoform 1 |
| NCBI Official Synonym Full Names | carcinoembryonic antigen related cell adhesion molecule 1           |
| NCBI Official Symbol             | Ceacam1                                                             |
| NCBI Official Synonym Symbols    | Bgp; BGPR; CD66a; Ccam1                                             |
| NCBI Protein Information         | carcinoembryonic antigen-related cell adhesion molecule 1           |
| UniProt Protein Name             | Carcinoembryonic antigen-related cell adhesion molecule 1           |
| UniProt Gene Name                | Ceacam1                                                             |
| UniProt Synonym Gene Names       | C-CAM 105                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

