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Datasheet for ABIN1537760

## anti-CEACAM7 antibody (AA 112-140)

### 2 Images

#### Overview

Quantity:	400 µL
Target:	CEACAM7
Binding Specificity:	AA 112-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEACAM7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This CEACAM7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-140 amino acids from the Central region of human CEACAM7.
Clone:	RB35958
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	CEACAM7
Alternative Name:	CEACAM7 ( <a href="#">CEACAM7 Products</a> )
Background:	CEA-related cell adhesion molecule 7 (CEACAM7,CGM2) belongs to the carcinoembryonic

## Target Details

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antigen (CEA) family. It encodes a glycosyl phosphatidyl inositol (GPI)-linked glycoprotein which is only found on the apical surface of highly differentiated epithelial cells adult colon and on a small epithelial cell population in pancreatic ducts. CEACAM7 expression is completely lost upon malignant transformation already in hyperplastic polyps and early adenomas as well as in adenocarcinomas of the colon. Like all members of the CEACAM family, it consists of a single N domain, with structural homology to the immunoglobulin variable domains, followed by one immunoglobulin constantlike A domain.

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Molecular Weight: 29379

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Gene ID: 1087

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NCBI Accession: [NP\\_008821](#)

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UniProt: [Q14002](#)

## Application Details

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Application Notes: WB: 1:1000. IHC-P: 1:10~50

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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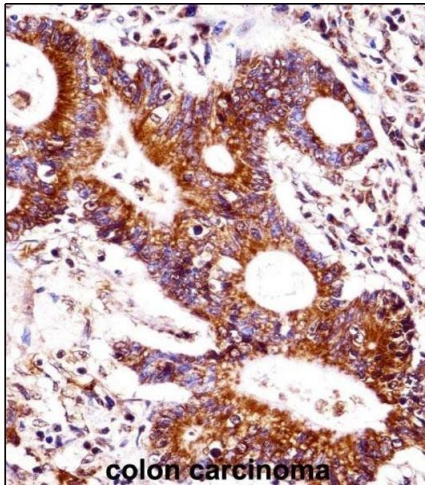
Storage: 4 °C,-20 °C

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Storage Comment: CEACAM7 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

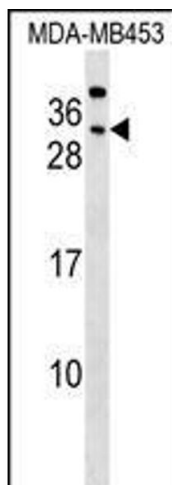
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Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** CEAC Antibody (Center) ((ABIN1537760 and ABIN2848792))immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CEAC Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** CEAC Antibody (Center) (ABIN1537760 and ABIN2848792) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the CEAC antibody detected the CEAC protein (arrow).