

Rabbit anti-Human CEACAM7 Polyclonal Antibody | anti-CEACAM7 antibody

CEACAM7 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286644	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

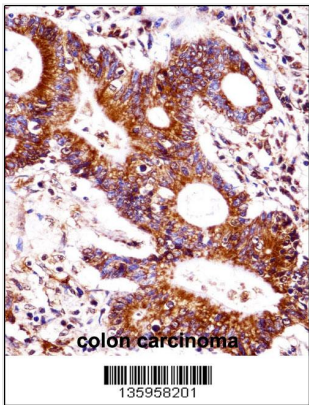
PRODUCT SYNONYMS

CEACAM7; Polyclonal Antibody; CEACAM7 Antibody (Center); Carcinoembryonic antigen-related cell adhesion molecule 7; Carcinoembryonic antigen CGM2; CGM2; anti-CEACAM7 antibody

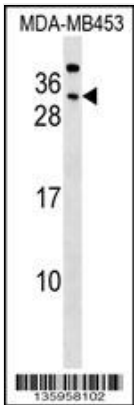
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	112-140
Sequence Length	172
Applicable Applications for anti-CEACAM7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CEACAM7 Antibody (Center) (AAA286644)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 CEACAM7 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CEACAM7 Antibody (Center) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the CEACAM7 antibody detected the CEACAM7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM7 antibody	CEA-related cell adhesion molecule 7 (CEACAM7,CGM2) belongs to the carcinoembryonic 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.
References	Messick, C.A., et al. Surgery 147(5):713-719(2010) Douard, R., et al. Surgery 139(4):556-562(2006) Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Grimwood, J., et al. Nature 428(6982):529-535(2004) Scholzel, S., et al. Am. J. Pathol. 156(2):595-605(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5901930
NCBI GeneID	1087
NCBI Accession #	NP_008821.1
NCBI GenBank Nucleotide #	NM_006890.3
UniProt Accession #	Q14002; O15148; O15149; Q0VAC1; Q13983; Q9UPJ2; A8K848
Molecular Weight	29379
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 7
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 7
NCBI Official Symbol	CEACAM7
NCBI Official Synonym Symbols	CGM2
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 7
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 7
UniProt Gene Name	CEACAM7

UniProt Synonym Gene Names	CGM2
UniProt Entry Name	CEAM7_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ceacam7-antibody-immunohistochemistry-western-blot-elisa/286644>