

Rabbit anti-Human CEACAM3 Polyclonal Antibody | anti-CEACAM3 antibody

CEACAM3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288412	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

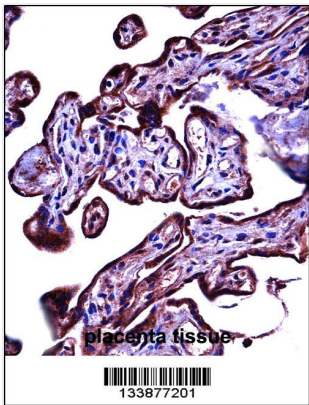
PRODUCT SYNONYMS

CEACAM3; Polyclonal Antibody; CEACAM3 Antibody (C-term); Carcinoembryonic antigen-related cell adhesion molecule 3; Carcinoembryonic antigen CGM1; CD66d; CD66D; CGM1; anti-CEACAM3 antibody

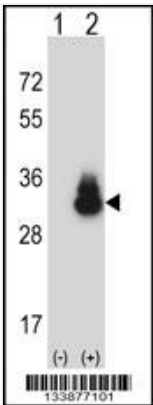
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CEACAM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the C-terminal region of human CEACAM3.
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	163-191
Sequence Length	212
Applicable Applications for anti-CEACAM3 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 (Immunohistochemistry)
CEACAM3 Antibody (C-term) (AAA288412) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CEACAM3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CEACAM3 (arrow) using rabbit polyclonal CEACAM3 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CEACAM3 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM3 antibody	This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Product Categories/Family for anti-CEACAM3 antibody	Cancer; Immunology; Microbiology; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Tsavaris, N., et al. J Chemother 21(6):673-680(2009) Skubitz, K.M., et al. J Transl Med 6, 78 (2008) : Stern-Ginossar, N., et al. J. Immunol. 179(7):4424-4434(2007) Ali, C.W., et al. J Gastrointest Cancer 38 (2-4), 108-114 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	461496471
NCBI GeneID	1084
NCBI Accession #	NP_001264092.1; NP_001806.2
NCBI GenBank Nucleotide #	NM_001277163.2
UniProt Accession #	P40198; Q3KPH9; G5E978
Molecular Weight	27091
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 3 isoform 2
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 3
NCBI Official Symbol	CEACAM3
NCBI Official Synonym Symbols	CEA; CGM1; W264; W282; CD66D
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 3

UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 3
UniProt Gene Name	CEACAM3
UniProt Synonym Gene Names	CD66D; CGM1
UniProt Entry Name	CEAM3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ceacam3-antibody-immunohistochemistry-western-blot-elisa/288412>