

CEAM3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58515

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P40198
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27091

Additional Information

Gene ID	1084
Other Names	Carcinoembryonic antigen-related cell adhesion molecule 3, Carcinoembryonic antigen CGM1, CD66d, CEACAM3, CD66D, CGM1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CEACAM3 (HGNC:1815)
Function	Major granulocyte receptor mediating recognition and efficient opsonin-independent phagocytosis of CEACAM-binding microorganisms, including Neisseria, Moraxella and Haemophilus species, thus playing an important role in the clearance of pathogens by the innate immune system. Responsible for RAC1 stimulation in the course of pathogen phagocytosis.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	CGM1a, the predominant CGM1 transcript, is granulocyte-specific. Not detected out of the granulocytic lineage, such as monocytes, lymphocytes, spleen, testis, colon, brain, liver, pancreas, thymus, ovary, placenta, skeletal muscle, prostate, small intestine, heart, lung and kidney.