

Rabbit anti-Human, Pig Epithelial Cell Adhesion Molecule (EPCAM) Polyclonal Antibody | anti-EPCAM antibody

Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149659	Rabbit	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

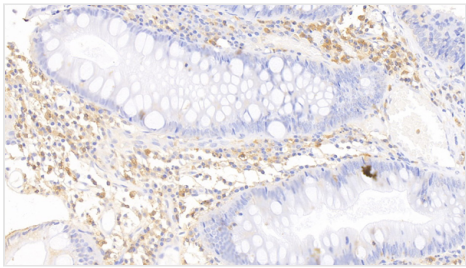
PRODUCT SYNONYMS

Epithelial Cell Adhesion Molecule (EPCAM); Polyclonal Antibody; Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM); CD326; TACSTD1; EGP; KSA; M4S1; MIC18; TROP1; HEGP2; ESA; Epithelial glycoprotein; Adenocarcinoma-associated antigen; Tumor Associated Calcium Signal Transducer 1; anti-EPCAM antibody

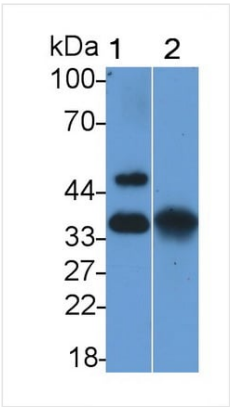
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against EPCAM. It has been selected for its ability to recognize EPCAM in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence	Gln24~Leu 64
Applicable Applications for anti-EPCAM antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Gln24~Leu264
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

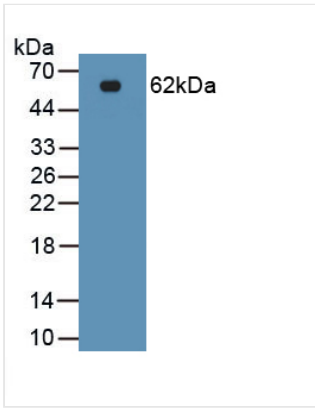
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Colorectal cancer Tissue; Primary Ab: 10ug/ml Rabbit Anti-Human EPCAM Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Colon lysate; Lane2: HCT116 cell lysatePrimary Ab: 1?g/ml Rabbit Anti-Human EPCAM AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant EPCAM, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPCAM antibody	CD & Adhesion Molecule
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1

NCBI Protein Information	epithelial cell adhesion molecule; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated pro
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_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/epithelial-cell-adhesion-molecule-epcam-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149659>