

Rabbit Epcam Polyclonal Antibody | anti-Epcam antibody

(Mouse) Epcam Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289874	Rabbit	Human, mouse, rat	ELISA, Western Blot

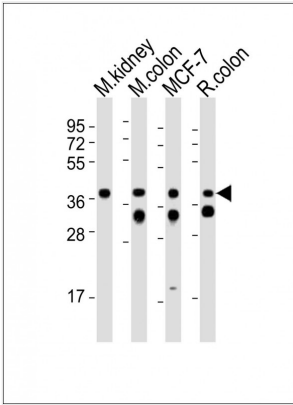
PRODUCT SYNONYMS

Epcam; Polyclonal Antibody; (Mouse) Epcam Antibody (C-term); Epithelial cell adhesion molecule; Ep-CAM; Epithelial glycoprotein 314; EGP314; mEGP314; Protein 289A; Tumor-associated calcium signal transducer 1; CD326; Tacstd1; anti-Epcam antibody

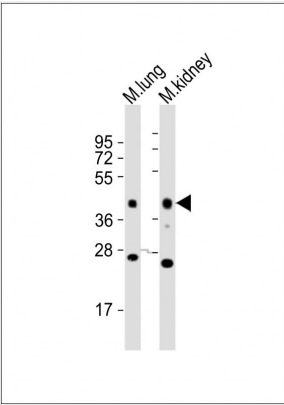
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Epcam antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 217-251 amino acids from the C-terminal region of Mouse Epcam.
Purity/Purification	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: 0.494 (varies by lot)
Sequence Length	315
Applicable Applications for anti-Epcam antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
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



WB (Western Blot)
All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilution
Lane 1: mouse kidney lysates
Lane 2: mouse colon lysates
Lane 3: MCF-7 whole cell lysates
Lane 4: rat colon lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 35 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-Epcam Antibody (C-term) at 1:2000 dilution
Lane 1: mouse lung lysates
Lane 2: mouse kidney lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 35 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Epcam antibody	May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).
Product Categories/Family for anti-Epcam antibody	Crown Antibodies
References	Bergsagel P.L.,et al.J. Immunol. 148:590-596(1992). Carninci P.,et al.Science 309:1559-1563(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	112293275
NCBI GeneID	17075
NCBI Accession #	NP_032558.2
NCBI GenBank Nucleotide #	NM_008532.2
UniProt Accession #	Q99JW5; Q61512
Molecular Weight	35019
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	EGP; Ly74; gp40; CD326; EGP-2; TROP1; Egp314; Ep-CAM; EpCAM1; Tacstd1; GA733-2; Tacstd1
NCBI Protein Information	epithelial cell adhesion molecule
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	Epcam
UniProt Synonym Gene Names	Tacstd1; Ep-CAM; EGP314; mEGP314
UniProt Entry Name	EPCAM_MOUSE

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://www.aaabiotech.com/polyclonal/epcam-antibody-western-blot-elisa/289874>