

Datasheet for ABIN3030861

anti-EpCAM antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 217-251, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This mouse EpCAM antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 217-251 amino acids from the C-terminal region of mouse Epcam.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	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

Target Details

	proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).
UniProt:	Q99JW5

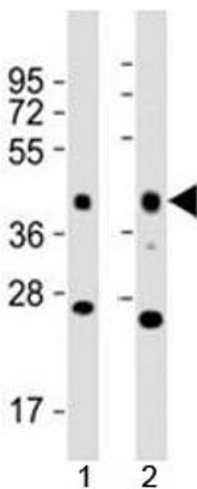
Application Details

Application Notes:	Titration of the EpCAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000-2000
Restrictions:	For Research Use only

Handling

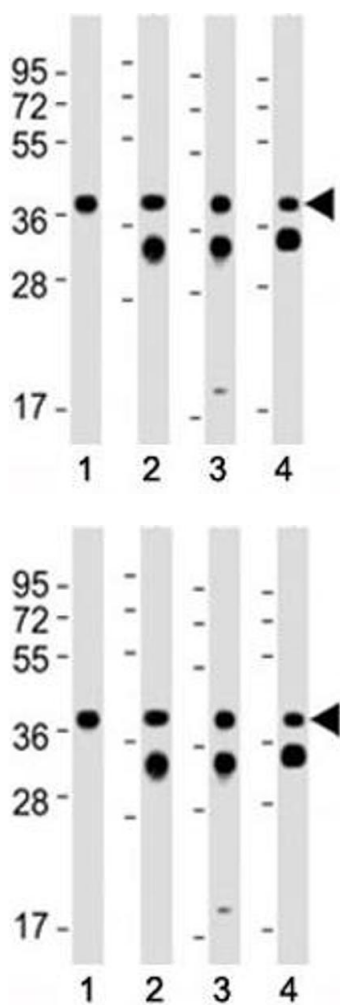
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the EpCAM antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot testing of EpCAM antibody at 1:2000 and mouse samples 1) lung and 2) kidney lysate; Predicted molecular weight: 35 kDa.



Western Blotting

Image 2. Western blot testing of EpCAM antibody at 1:2000 dilution. Lane 1: mouse kidney; 2: mouse colon; 3: human MCF-7; 4: rat colon lysate; Predicted molecular weight: 35 kDa.

Western Blotting

Image 3. Western blot testing of EpCAM antibody at 1:2000 dilution. Lane 1: mouse kidney