

Datasheet for ABIN7433381
anti-EpCAM antibody (AA 24-264)



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2 Images

Overview

Quantity:	100 µL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 24-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)
Immunogen:	Recombinant Epithelial Cell Adhesion Molecule (EPCAM) corresponding to Gln24~Leu264 with N-terminal His and GST Tag
Isotype:	IgG
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.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

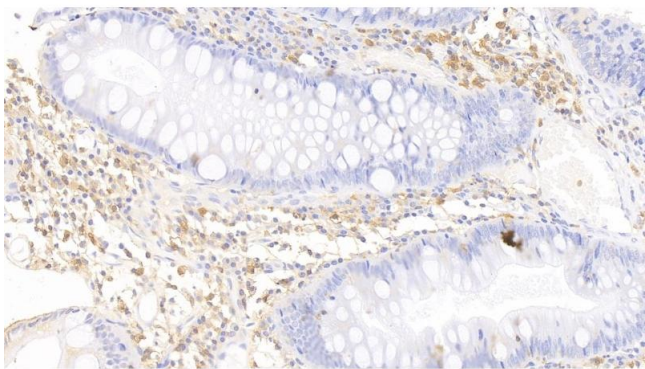
Target:	EpCAM (EPCAM)
Alternative Name:	EPCAM (EPCAM Products)
Background:	CD326, TACSTD1, EGP, KSA, M4S1, MIC18, TROP1, HEGP2, ESA, Epithelial glycoprotein, Adenocarcinoma-associated antigen, Tumor Associated Calcium Signal Transducer 1
UniProt:	P16422

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

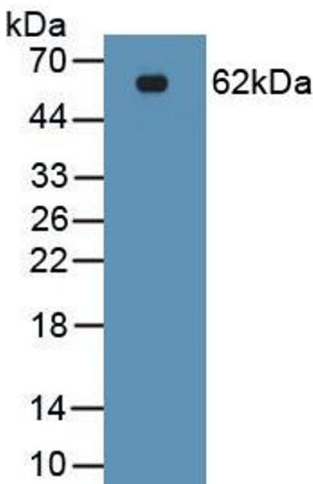
Handling

Format:	Liquid
Concentration:	0.24 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of EPCAM in Human Colorectal cancer Tissue using Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)



Western Blotting

Image 2. Detection of Recombinant EPCAM, Human using Polyclonal Antibody to Epithelial Cell Adhesion Molecule (EPCAM)