

# EpCAM Polyclonal Antibody

Catalog Number:E-AB-70132

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

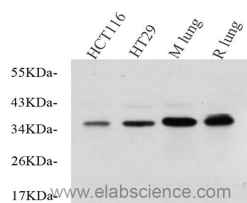
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse EPCAM
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:300-1:800
<b>IF</b>	1:200-1:500

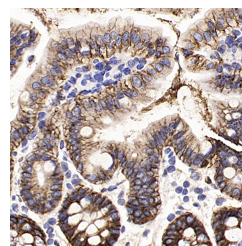
## Data



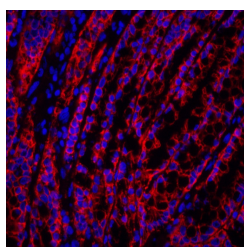
Western Blot analysis of various samples using EpCAM Polyclonal Antibody at dilution of 1:750.

**Observed Mw:35kDa**

**Calculated Mw:35/40kDa**



Immunohistochemistry analysis of paraffin-embedded mouse colon using EpCAM Polyclonal Antibody at dilution of 1:300.



Immunofluorescence analysis of paraffin-embedded rat colon using EpCAM Polyclonal Antibody at dilution of 1:300.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Epithelial cell adhesion molecule (EpCAM,CD326) is a type I transmembrane glycoprotein that functions as a

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homophilic, epithelial-specific intercellular cell-adhesion molecule. In addition to cell adhesion, EpCAM is also involved in cellular signaling, cell migration, proliferation, and differentiation. EpCAM is highly expressed on most carcinomas and therefore of potential use as a diagnostic and prognostic marker for a variety of carcinomas, and has become a therapeutic target.

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