EpCAM Polyclonal Antibody

catalog number: **E-AB-70132**

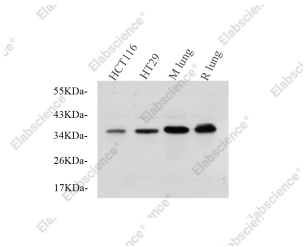
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse EPCAM
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:300-1:800
IF	1:200-1:500

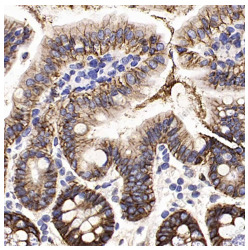
Data



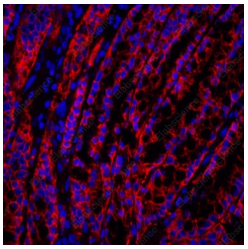
Western Blot analysis of various samples using EpCAM Polyclonal Antibody at dilution of 1:750.

Observed-MW:35 kDa

Calculated-MW:35/40 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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