Product Name: EP-CAM Rabbit Polyclonal Antibody
Catalog #: APRab10508

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	34kDa

Antigen Information

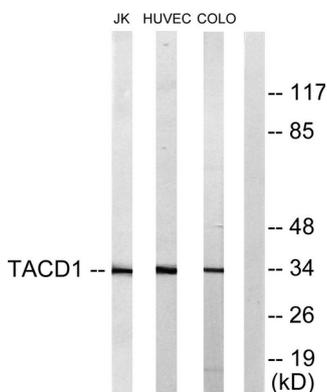|	
Gene Name	EPCAM
Alternative Names	EPCAM; GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Epithelial cell adhesion molecule; Ep-CAM; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen; Epithelial glycoprotein; EGP; Epithelial gly
Gene ID	4072.0
SwissProt ID	P16422
Immunogen	The antiserum was produced against synthesized peptide derived from human TACD1. AA range:116-165

Background

This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008],
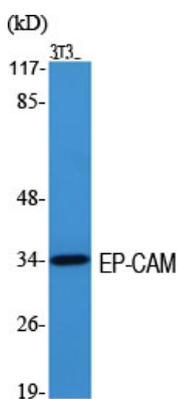
Research Area
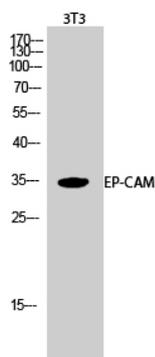
Tags & Cell Markers

Image Data

Western blot analysis of lysates from Jurkat, HUVEC, and COLO205 cells, using TACD1 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using EP-CAM Polyclonal Antibody diluted at 1：2000

Western Blot analysis of 3T3 cells using EP-CAM Polyclonal Antibody diluted at 1：2000