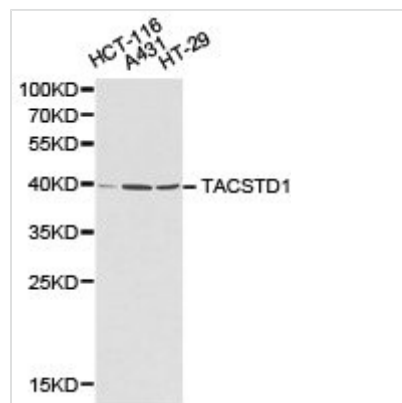




EPCAM Antibody

Product Code	CSB-PA007717KA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P16422
Immunogen	Recombinant protein of Human TACSTD1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;WB:1:500-1:2000,IHC:1:50-1:200
Relevance	Epithelial cell adhesion and activating molecule (EpCAM/CD326) is a transmembrane glycoprotein that mediates Ca ²⁺ -independent, homophilic adhesions on the basolateral surface of most epithelial cells. EpCAM is not expressed in adult squamous epithelium, but it is highly expressed in adeno and squamous cell carcinomas. Research studies identified EpCAM as one of the first tumor-associated antigens, and it has long been a marker of epithelial and tumor tissue. Investigators have shown that EpCAM is highly expressed in cancer cells.
Storage Buffer	Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Affinity purification
Isotype	IgG
Alias	EPCAM;CO-17A;CO17-1A;EGP;EGP-2;EGP34;EGP40;ESA;Ep-CAM;GA733-2;KS1/4;KSA;M4S1;MIC18;MK-1;TACST-1;TACSTD1;TROP1;hE GP-2 ;CD326
Product Type	Rabbit Anti Human PolyClonal Antibody
Species	Homo sapiens (Human)
Intended Use	For research use only. Not for human, diagnostic or therapeutic use.
Target Names	EPCAM

Image



Western blot analysis of extracts of various cell lines, using TACSTD1 antibody.



Target Details

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.