

Summary

Production Name	Mucin 13 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,IHC,WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MUC13
Alternative Names	MUC13; DRCC1; RECC; Mucin-13; MUC-13; Down-regulated in colon cancer 1
Gene ID	56667.0
SwissProt ID	Q9H3R2.The antiserum was produced against synthesized peptide derived from human MUC13. AA range:421-470

Application

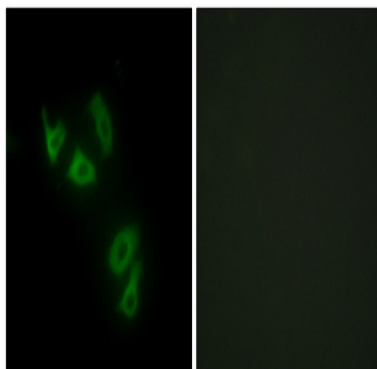
Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	50kD

Background

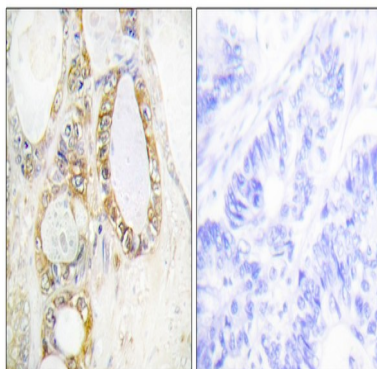
Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).[supplied by OMIM, Jul 2008],function:Epithelial and hemopoietic transmembrane mucin that may play a role in cell signaling.,PTM:Cleaved into two subunits, alpha and beta, probably between the first EGF domain and the SEA domain. Beta subunit contains the cytoplasmic tail and alpha subunit the extracellular tail. The homo-oligomerization into dimers is dependent on intrachain disulfide bonds.,PTM:Highly N-glycosylated.,similarity:Contains 1 SEA domain.,similarity:Contains 3 EGF-like domains.,subcellular location:Also exists as a soluble form.,subunit:Homodimer of beta subunits.,tissue specificity:Highly expressed in epithelial tissues, particularly those of the gastrointestinal and respiratory tracts, such as large intestine and trachea, followed by kidney, small intestine, appendix and stomach.,

Research Area

Image Data

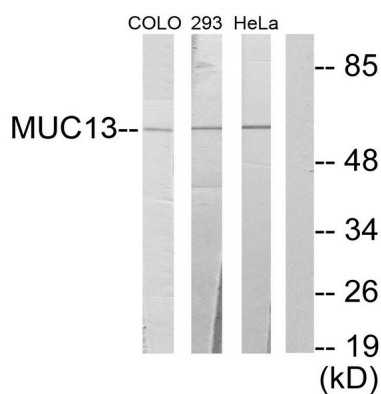


Immunofluorescence analysis of HepG2 cells, using MUC13 Antibody. The picture on the right is blocked with the synthesized peptide.

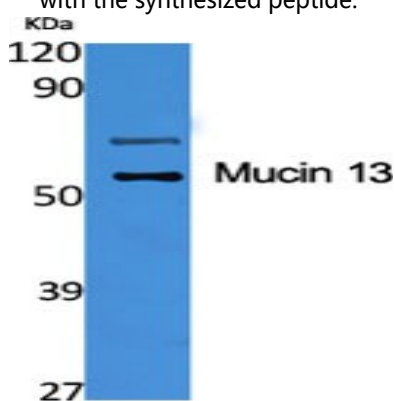


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MUC13 Antibody. The picture on the right is blocked with the synthesized peptide.

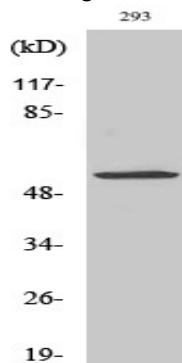
Product Name: Mucin 13 Rabbit Polyclonal Antibody
Catalog #: APRab14239



Western blot analysis of lysates from 293, HeLa, and COLO205 cells, using MUC13 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Mucin 13 Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of COLO205 cells using Mucin 13 Polyclonal Antibody diluted at 1 : 1000

Note

For research use only.