Elabscience®

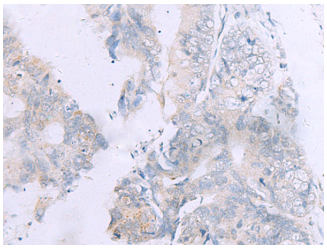
Tel:240-252-7368(USA)
Fax: 240-252-7376(USA)
techsupport@elabscience.com
Website: www.elabscience.com

GPC3 Polyclonal Antibody

Catalog No.	E-AB-53438	**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC,ELISA	**Isotype**	IgG

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

Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GPC3 Polyclonal Antibody at dilution of 1:60(×200)

Immunogen Information

Immunogen	Synthetic peptide of human GPC3
Gene Accession	NP004475
Swissprot	P51654
Synonyms	DGSX,Gpc3,GPC3,GTR2 2,GTR2-2,MXR7,OCI 5,OCI-5,OCI5,SDYS,SGB,SGBS,SGBS1

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:40-1:200, ELISA 1:5000-1:10000

Background

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants.