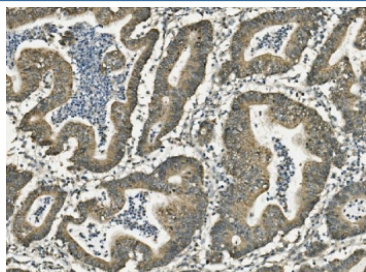


Gastrotropin Antibody / FABP6 (RQ5975)

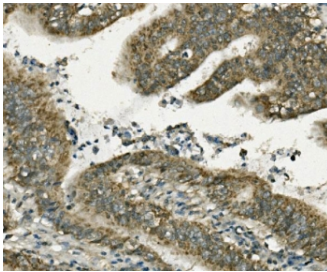
Catalog No.	Formulation	Size
RQ5975	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

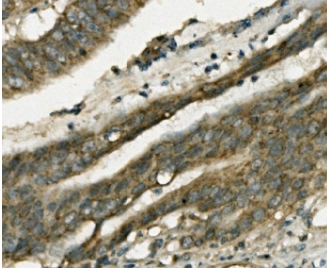
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P51161
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Gastrotropin antibody is available for research use only.



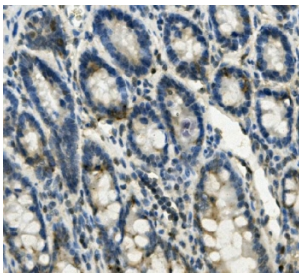
IHC staining of FFPE human rectal cancer with Gastrotropin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



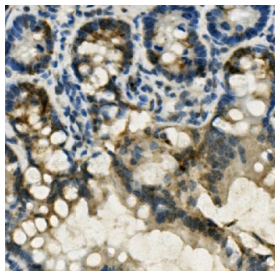
IHC staining of FFPE human rectal cancer with Gastrotropin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



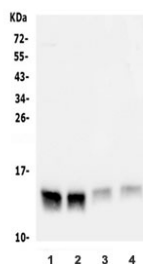
IHC staining of FFPE human rectal cancer with Gastrotropin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



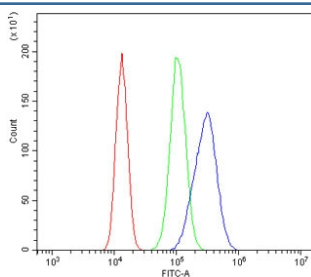
IHC staining of FFPE rat intestine with Gastrotropin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat intestine with Gastrotropin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of different lots of rat intestine (1-2) and mouse intestine (3-4) lysate with Gastrotropin antibody. Predicted molecular weight: ~14 kDa (isoform 1).



Flow cytometry testing of human 293T cells with Gastrotropin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=Gastrotropin antibody.

Description

Fatty acid binding protein 6, ileal (gastrotropin), also known as FABP6, is a protein which in humans is encoded by the FABP6 gene. It is mapped to 5q33.3. This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene.

Application Notes

Optimal dilution of the Gastrotropin antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-A128) was used as the immunogen for the Gastrotropin antibody.

Storage

After reconstitution, the Gastrotropin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.