Datasheet for ABIN7248140

anti-Gastrokine 1 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	Gastrokine 1 (GKN1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gastrokine 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human GKN1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Gastrokine 1 (GKN1)
Alternative Name:	GKN1 (GKN1 Products)
Background:	Gastrokine 1 (GKN1),a stomach-specic protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin,belongs to the gastrokine family of gastric mucus cell-secreted proteins. The human GKN1 gene has been localized in a region of chromosome 2p13 of about 6 kb and contains 6 exons. GKN1 is expressed only in normal human stomach,but is absent from gastric

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Target Details

	adenocarcinomas,gastro-esophageal adenocarcinoma cell lines,and other normal and tumor gastro-intestinal tissues. GKN1may play an important role in normal gastric function and may be a gastric tumour suppressor.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 22 kDa
UniProt:	Q9NS71

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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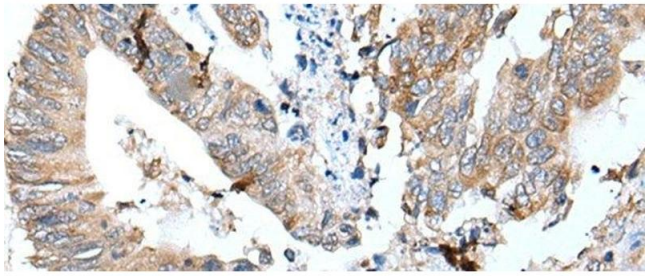
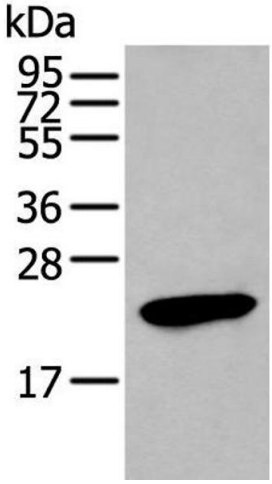


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GKN1 Polyclonal Antibody at dilution of 1:30(x200)



Western Blotting

Image 2. Western blot analysis of Human stomach tissue lysate using GKN1 Polyclonal Antibody at dilution of 1:250

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