

## Product datasheet for **TA371894**

### Gastroke 1 (GKN1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human stomach tissue lysate IHC: 25-100 Positive control: Human colorectal cancer Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GKN1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	22 kDa
Gene Name:	gastroke 1
Database Link:	<a href="#">Entrez Gene 56287 Human Q9NS71</a>



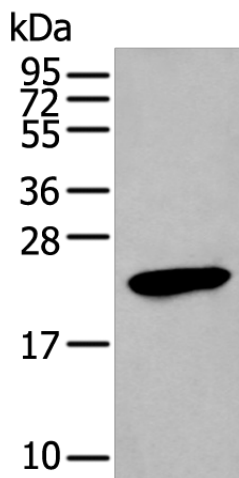
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**Background:**

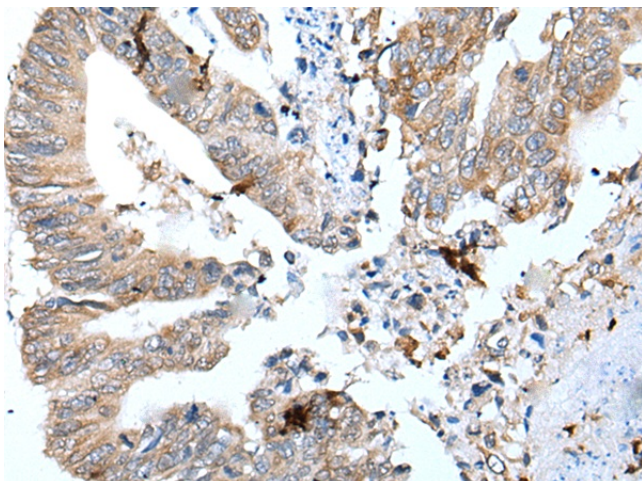
Gastrokine 1 (GKN1), a stomach-specific protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin, belongs to the gastrokine family of gastric mucus cell-secreted proteins. The human GKN1 gene has been localized in a region of chromosome 2p13 of about 6 kb and contains 6 exons. GKN1 is expressed only in normal human stomach, but is absent from gastric adenocarcinomas, gastro-esophageal adenocarcinoma cell lines, and other normal and tumor gastro-intestinal tissues. GKN1 may play an important role in normal gastric function and may be a gastric tumour suppressor.

**Synonyms:**

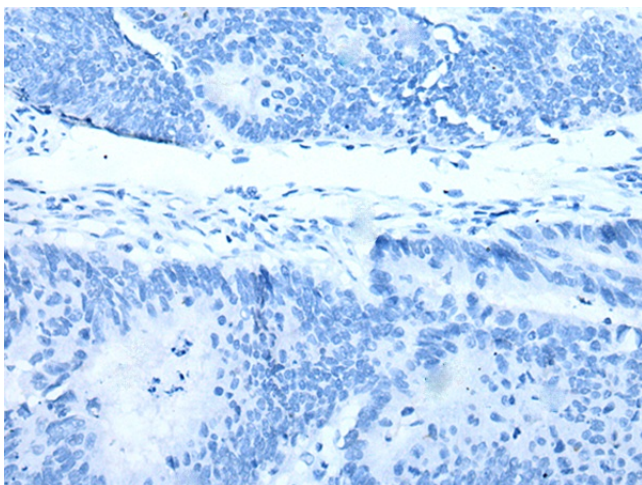
AMP-18; AMP18; BRICD1; CA11; FOV; foveolin; MGC70354

**Product images:**

Gel: 12%SDS-PAGE  
Lysate: 40 µg  
Lane: Human stomach tissue lysate  
Primary antibody: TA371894 (GKN1 Antibody) at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA371894 (GKN1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA371894 (GKN1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)