

GKN1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19065b

Product Information

Application	WB, E
Primary Accession	Q9NS71
Other Accession	NP_062563.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39843
Calculated MW	20331
Antigen Region	124-150

Additional Information

Gene ID	56287
Other Names	Gastrokine-1, 18 kDa antrum mucosa protein, AMP-18, Protein CA11, GKN1, AMP18, CA11
Target/Specificity	This GKN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124-150 amino acids from the C-terminal region of human GKN1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GKN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GKN1
Synonyms	AMP18, CA11
Function	Has mitogenic activity and may be involved in maintaining the integrity of

the gastric mucosal epithelium.

Cellular Location

Secreted. Cytoplasmic granule. Golgi apparatus. Note=Shows abundant granular cytoplasmic staining, with perinuclear accentuation suggestive of the Golgi apparatus.

Tissue Location

Expressed in stomach (at protein level). No expression is detected in cancer tissue or gastric cancer cell lines

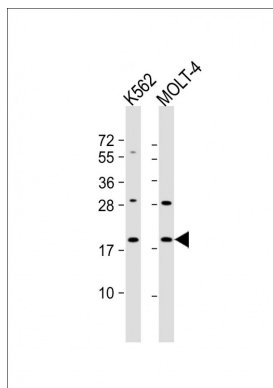
Background

The protein encoded by this gene is found to be down-regulated in human gastric cancer tissue as compared to normal gastric mucosa.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Broderick, P., et al. Cancer Res. 69(16):6633-6641(2009)
Nardone, G., et al. Cancer Biol. Ther. 7(12):1890-1895(2008)
Moss, S.F., et al. Clin. Cancer Res. 14(13):4161-4167(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)

Images



All lanes : Anti-GKN1 Antibody (C-term) at 1:1000 dilution
Lane 1: K562 whole cell lysate Lane 2: MOLT-4 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.