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GKN1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GKN1.
Catalog # AT2203a

Product Information

Application	WB, E
Primary Accession	Q9NS71
Other Accession	BC059778
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	2E6
Calculated MW	20331

Additional Information

Gene ID	56287
Other Names	Gastrokine-1, 18 kDa antrum mucosa protein, AMP-18, Protein CA11, GKN1, AMP18, CA11
Target/Specificity	GKN1 (AAH59778, 21 a.a. ~ 185 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GKN1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

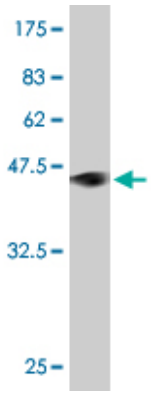
The protein encoded by this gene is found to be down-regulated in human gastric cancer tissue as compared to normal gastric mucosa.

References

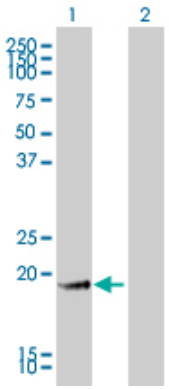
1.Helicobacter pylori infection and administration of non-steroidal anti-inflammatory drugs down-regulate the expression of gastrokine-1 in gastric mucosa.Mao W, Chen J, Peng TL, Yin XF, Chen LZ, Chen MH.Turk J Gastroenterol. 2012 Jun;23(3):212-9.2.Downregulation of gastrokine-1 in gastric cancer tissues and restoration of its expression induced gastric cancer cells to apoptosis.Mao W, Chen J, Peng TL, Yin XF, Chen

LZ, Chen MH.J Exp Clin Cancer Res. 2012 May 23;31:49. doi: 10.1186/1756-9966-31-49.3.Characterization of the Human Gastric Fluid Proteome Reveals Distinct pH-Dependent Protein Profiles: Implications for Biomarker Studies.Kam SY, Hennessy T, Chua SC, Gan CS, Philp R, Hon KK, Lai L, Chan WH, Ong HS, Wong WK, Lim KH, Ling KL, Tan HS, Tan MM, Ho M, Kon OL.J Proteome Res. 2011 Aug 15. [Epub ahead of print]4.Overexpression of gastrokine 1 in gastric cancer cells induces fas-mediated apoptosis.Rippa E, La Monica G, Allocca R, Romano MF, De Palma M, Arcari P.J Cell Physiol. 2010 Dec 28. [Epub ahead of print]

Images

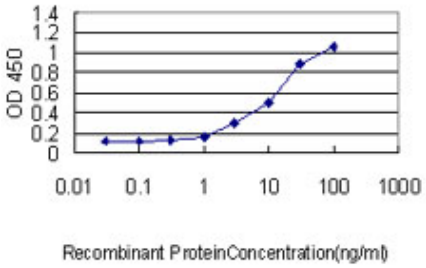


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (43.89 KDa) .



Western Blot analysis of GKN1 expression in transfected 293T cell line by GKN1 monoclonal antibody (M01), clone 2E5.

Lane 1: GKN1 transfected lysate(20 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged GKN1 is approximately 0.1ng/ml as a capture antibody.

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