Datasheet for ABIN7267354

anti-Gastrin antibody (AA 1-100)

1 Image

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Overview

Quantity:	100 µL
Target:	Gastrin (GAST)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gastrin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GAST Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GAST (NP_000796.1).
Sequence:	MQRLCVYVLI FALALAAFSE ASWKPRSQQP DAPLGTGANR DLELPWLEQQ GPASHHRRQL GPQGPPHLVA DPSKKQGPWL EEEEEAYGWM DFGRRSAEDE
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

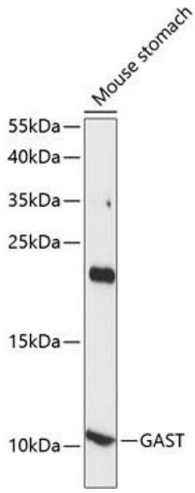
Target:	Gastrin (GAST)
Alternative Name:	GAST (GAST Products)
Background:	Gastrin is a hormone whose main function is to stimulate secretion of hydrochloric acid by the gastric mucosa, which results in gastrin formation inhibition. This hormone also acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has two biologically active peptide forms, G34 and G17.,GAST,GAS,gastrin,Cancer,Tumor biomarkers,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,Cardiovascular,Blood,GAST
Molecular Weight:	11kDa
Gene ID:	2520
UniProt:	P01350

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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.



Western Blotting

Image 1. Western blot analysis of extracts of mouse stomach, using GAST antibody (ABIN7267354) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.