

Datasheet for ABIN499875

anti-Gastrin antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	Gastrin (GAST)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Gastrin antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	GAS antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human GAS.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Gastrin (GAST)
Alternative Name:	GAS (GAST Products)
Background:	Steroid receptor co-activators (SRCs) were initially described as nuclear receptor transcription co-activators, but they have recently been determined to co-regulate transcription initiated by other transcription factors. GAS is a recently identified glutamate-rich protein that interacts with

Target Details

SRC1, but not GRIP1 or AIB1, the other two members of the SRC family. GAS can also interact with the alpha subunit of the estrogen receptor (ERα), but not other receptors such as the retinoic acid receptor α, suggesting the interaction between GAS and ERα is relatively specific. Depletion of GAS by RNA interference in MCF7 cells led to a decrease in the mRNA and protein levels of ER target genes such as pS2, c-Myc and cyclin D1, indicating the role of GAS in the regulation of ER target genes. GAS has also been found to associate with an SET1-like methyltransferase complex specific for H3K4 methylation, suggesting that GAS has multiple roles in transcriptional regulation. Synonyms: Glutamate-rich coactivator interacting with SRC1, PA1, PTIP-associated 1 protein

Gene ID: 2716513

NCBI Accession: [NP_078792](#)

UniProt: [P08315](#)

Application Details

Application Notes: ELISA. Western Blot: 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide.

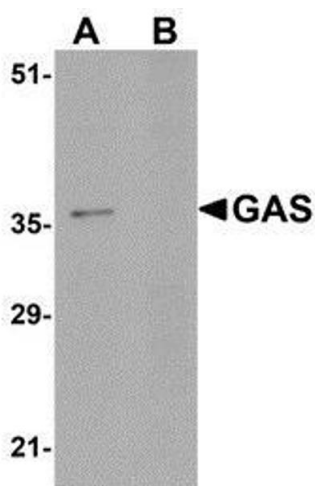
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of GAS in EL4 cell lysate in (A) the absence and (B) the presence of blocking peptide with AP30357PU-N GAS antibody at 1µg/ml.