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Datasheet for ABIN499875

## anti-Gastrin antibody (C-Term)

### 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 ( <a href="#">GAST Products</a> )
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

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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 (ER $\alpha$ ), but not other receptors such as the retinoic acid receptor  $\alpha$ , suggesting the interaction between GAS and ER $\alpha$  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

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Gene ID: 2716513

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NCBI Accession: [NP\\_078792](#)

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UniProt: [P08315](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

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Buffer: PBS containing 0.02 % sodium azide.

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Preservative: Sodium azide

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

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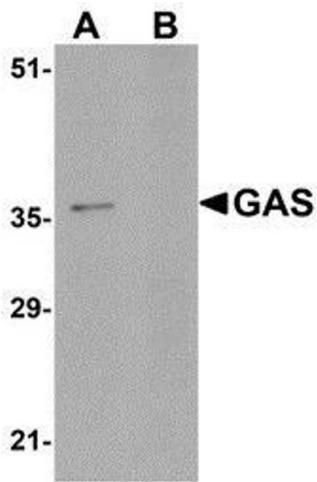
Handling Advice: Avoid repeated freezing and thawing.

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Storage: -20 °C

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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 1 µg/ml.