

**GAS6 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22089c****Specification**

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**GAS6 Antibody (Center) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">O14393</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>74925</b>

**GAS6 Antibody (Center) - Additional Information****Gene ID** 2621**Other Names**

Growth arrest-specific protein 6, GAS-6, AXL receptor tyrosine kinase ligand, GAS6, AXLLG

**Target/Specificity**

This GAS6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 242-275 amino acids from the Central region of human GAS6.

**Dilution**

WB~~1:2000

**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**

GAS6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**GAS6 Antibody (Center) - Protein Information****Name** GAS6 ([HGNC:4168](#))**Synonyms** AXLLG**Function** Ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a

role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses.

#### Cellular Location

Secreted.

#### Tissue Location

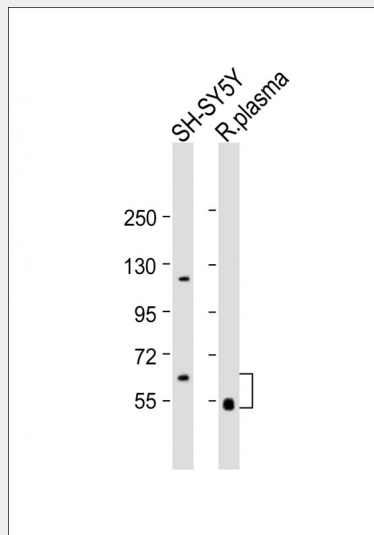
Plasma. Isoform 1 and isoform 2 are widely expressed, isoform 1 being expressed at higher levels than isoform 2 in most tissues. Isoform 2 is the predominant form in spleen

### GAS6 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### GAS6 Antibody (Center) - Images



All lanes : Anti-GAS6 Antibody (Center) at 1:2000 dilution Lane 1: rat plasma lysate Lane 2: SH-SY5Y whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### GAS6 Antibody (Center) - Background

Ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal

cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses.

#### **GAS6 Antibody (Center) - References**

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Munoz X.,et al.Hum. Mutat. 23:506-512(2004).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

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