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GAS6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22089c

Product Information

Application	WB, E
Primary Accession	Q14393
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55872
Calculated MW	74925

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 E~~Use at an assay dependent concentration.
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.

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

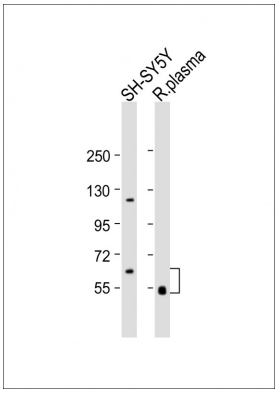
Background

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.

References

Manfioletti G.,et al.Mol. Cell. Biol. 13:4976-4985(1993).
Munoz X.,et al.Hum. Mutat. 23:506-512(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).
Maree A.O.,et al.Submitted (OCT-2002) to the EMBL/GenBank/DDBJ databases.

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 µg 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.

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