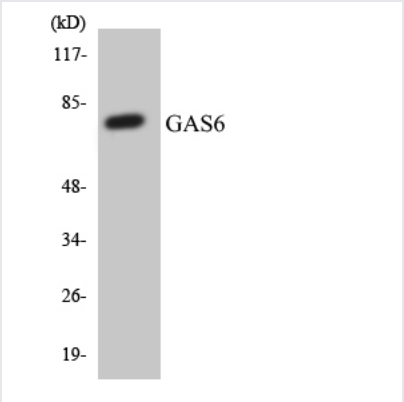
GAS6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GAS6, Polyclonal Antibody
Full Product Name	GAS6 Antibody
Product Gene Name	anti-GAS6 antibody
Product Synonym Names	Growth arrest-specific protein 6; GAS-6; AXL receptor tyrosine kinase ligand; AXLLG
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	GAS6 Antibody detects endogenous levels of GAS6.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	79 kDa
OMIM	L13720 mRNA
3D Structure	ModBase 3D Structure for Q14393
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human GAS6.
Immunogen Range	260-309
Applications Tested/Suitable for anti-GAS6 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-GAS6 antibody	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Related Product Information for anti-GAS6 antibody	MBS9509489 is an antibody targeting GAS6. Also known as GAS6 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-GAS6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GAS6 antibody
Western blot analysis of the lysates from HT-29 cells using GAS6 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GAS6. It may not necessarily be applicable to this product.

NCBI GI #	4557617
NCBI GeneID	2621
NCBI Accession #	NP_000811.1
UniProt Primary Accession #	Q14393
UniProt Secondary Accession #	Q6IMN1; Q7Z7N3; B3KRQ7; B3KVL4; E9PBL7
UniProt Related Accession #	Q14393
GenBank Nucleotide #	NM_000820.3
NCBI Official Full Name	growth arrest-specific protein 6
NCBI Official Synonym Full Names	growth arrest specific 6
NCBI Official Symbol	GAS6
NCBI Official Synonym Symbols	AXSF; AXLLG
UniProt Protein Name	Growth arrest-specific protein 6
UniProt Synonym Protein Names	AXL receptor tyrosine kinase ligand
Protein Family	Growth arrest-specific protein
UniProt Gene Name	GAS6
UniProt Synonym Gene Names	AXLLG; GAS-6
NCBI Protein Information	growth arrest-specific protein 6
NCBI Summary for GAS6	This gene encodes a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein levels are additionally associated with a variety of disease states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and preeclampsia. [provided by RefSeq, Aug 2014]
UniProt Comments for GAS6	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.

Research Articles on GAS6	**1.** Upon chemotherapy macrophages increase Gas6 synthesis, which significantly attenuates the cytotoxic effect of 5-FU chemotherapy on colorectal cancer cells.
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