

Rabbit anti-Human GAS2 Polyclonal Antibody | anti-GAS2 antibody

Anti-GAS2 Antibody, Rabbit Polyclonal

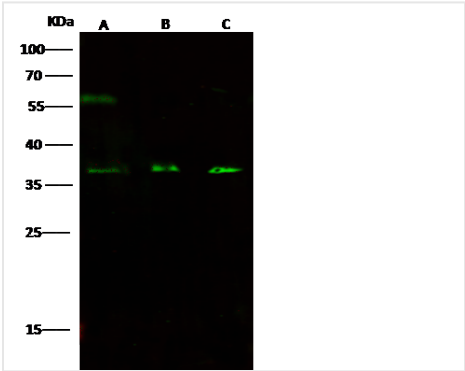
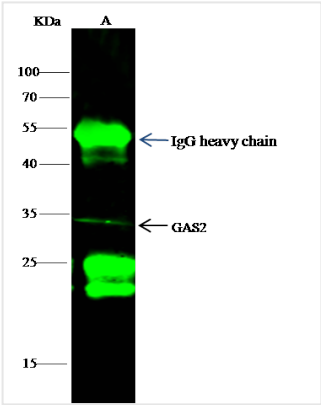
CATALOG # AAA254393	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

GAS2; Polyclonal Antibody; Anti-GAS2 Antibody; Rabbit Polyclonal; GAS2 Antibody; Rabbit PAb; Antigen Affinity Purified; growth arrest-specific 2; anti-GAS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GAS2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GAS2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human GAS2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human GAS2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-GAS2 rabbit polyclonal antibody at 1:500 dilution
Lane A: HepG2 whole cell lysate
Lane B: HeLa whole cell lysate
Lane C: Jurkat whole cell lysate
Lysates/proteins at 30 ug per lane.
Secondary: Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 35 kDa
Observed band size: 35 kDa
(We are unsure as to the identity of these extra bands.)

IP (Immunoprecipitation)
GAS2 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate
1 uL anti-GAS2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.
Primary antibody: Anti-GAS2 rabbit polyclonal antibody, at 1:500 dilution
Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 35 kDa
Observed band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GAS2 antibody	Growth arrest specific gene two (GAS2) is a highly conserved cytoskeleton-associated protein. In Drosophila, loss of the GAS2 homolog, Pigs, results in infertility. GAS2 is a critical and novel regulator of tissue remodeling in the ovary during oocyte cyst breakdown and folliculogenesis. The growth arrest-specific 2 (GAS2) was cloned and found to be upregulated in the feces of recurrent CRC patients. Growth arrest specific 2 (GAS2) modulates cell cycle, apoptosis, and Calpain activity. The growth-arrest-specific 2 (GAS2) family mediate the crosstalk between filamentous actin (F-actin) and MTs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3913719
NCBI GeneID	2620
UniProt Accession #	O43903; Q6ICV8; Q7Z3X8; B2R9C8; D3DQZ0
Molecular Weight	313
NCBI Official Full Name	Growth arrest-specific protein 2
NCBI Official Synonym Full Names	growth arrest-specific 2
NCBI Official Symbol	GAS2
NCBI Protein Information	growth arrest-specific protein 2; GAS-2
UniProt Protein Name	Growth arrest-specific protein 2
UniProt Gene Name	GAS2
UniProt Synonym Gene Names	GAS-2
UniProt Entry Name	GAS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.