

Anti-GAS2 Rabbit Monoclonal Antibody

Catalog # ABO16652

Product Information

Application	WB, IHC
Primary Accession	O43903
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-GAS2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	2620
Other Names	Growth arrest-specific protein 2, GAS-2, GAS2
Calculated MW	34945
Application Details	WB 1:500-1:2000 IHC 1:50-1:100
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 31G23
Immunogen	A synthesized peptide derived from human GAS2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

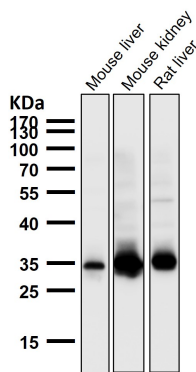
Protein Information

Name	GAS2
Function	Required to maintain microtubule bundles in inner ear supporting cells, affording them with mechanical stiffness to transmit sound energy through the cochlea.
Cellular Location	Cytoplasm, cytoskeleton, stress fiber. Membrane

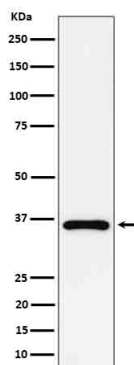
{ECO:0000250|UniProtKB:P11862}; Peripheral membrane protein
{ECO:0000250|UniProtKB:P11862} Note=Component of the microfilament system. Colocalizes with actin fibers at the cell border and along the stress fibers in growth- arrested fibroblasts. Mainly membrane-associated. When hyperphosphorylated, accumulates at membrane ruffles (By similarity)
Colocalizes with detyrosinated alpha-tubulin along the length of microtubule bundles in inner and outer pillar cells (By similarity)
{ECO:0000250|UniProtKB:P11862}

Tissue Location Ubiquitously expressed with highest levels in liver, lung, and kidney. Not found in spleen

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of GAS2 expression in Jurkat cell lysate.

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