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GAS2 Rabbit mAb

Catalog # AP78848

Product Information

Application	WB, IHC-P
Primary Accession	O43903
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human GAS2
Purification	Affinity Chromatography
Calculated MW	34945

Additional Information

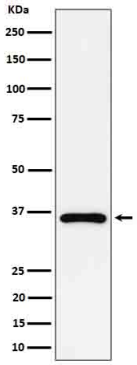
Gene ID	2620
Other Names	GAS2
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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



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