

**GAS2L2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11417b****Specification**

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**GAS2L2 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8NHY3](#)**GAS2L2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 246176**Other Names**

GAS2-like protein 2, GAS2-related protein on chromosome 17, Growth arrest-specific protein 2-like 2, GAS2L2, GAR17

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GAS2L2 Antibody (C-term) Blocking peptide - Protein Information****Name** GAS2L2**Synonyms** GAR17**Function**

Involved in the cross-linking of microtubules and microfilaments (PubMed:<a href="http://www.uniprot.org/citations/12584248" target="\_blank">12584248</a>, PubMed:<a href="http://www.uniprot.org/citations/24706950" target="\_blank">24706950</a>). Regulates microtubule dynamics and stability by interacting with microtubule plus-end tracking proteins, such as MAPRE1, to regulate microtubule growth along actin stress fibers (PubMed:<a href="http://www.uniprot.org/citations/24706950" target="\_blank">24706950</a>). Enhances ADORA2- mediated adenylyl cyclase activation by acting as a scaffold to recruit trimeric G-protein complexes to ADORA2A (By similarity). Regulates ciliary orientation and performance in cells located in the airway (PubMed:<a href="http://www.uniprot.org/citations/30665704" target="\_blank">30665704</a>).

**Cellular Location**

Cytoplasm, cytoskeleton. Cell membrane {ECO:0000250|UniProtKB:Q5SSG4}. Cytoplasm, cytoskeleton, stress fiber. Cytoplasm, cytoskeleton, cilium basal body. Note=Colocalizes with ADORA2A at neuronal processes (By similarity). Colocalizes with and tracks the tips of microtubule

plus ends (PubMed:24706950) {ECO:0000250|UniProtKB:D3ZUE1, ECO:0000269|PubMed:24706950}

**Tissue Location**

Expressed in bronchial and nasal epithelial cells (at protein level) (PubMed:30665704). Expressed in brain, kidney, lung, testis, fallopian tubes, and skeletal muscle (PubMed:12584248, PubMed:30665704). Expressed at low levels in stomach and colon (PubMed:30665704).

**GAS2L2 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**GAS2L2 Antibody (C-term) Blocking peptide - Images****GAS2L2 Antibody (C-term) Blocking peptide - Background**

Seems to be involved in the cross-linking of microtubules and microfilaments.

**GAS2L2 Antibody (C-term) Blocking peptide - References**

Goriounov, D., et al. J. Cell. Sci. 116 (PT 6), 1045-1058 (2003) :