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**Product Name: Gas8 Rabbit Polyclonal Antibody****Catalog #: APRab11303**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	56kDa

**Antigen Information**

<b>Gene Name</b>	GAS8
<b>Alternative Names</b>	GAS8; GAS11; Growth arrest-specific protein 8; GAS-8; Growth arrest-specific protein 11; GAS-11
<b>Gene ID</b>	2622.0
<b>SwissProt ID</b>	O95995
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human Gas8.

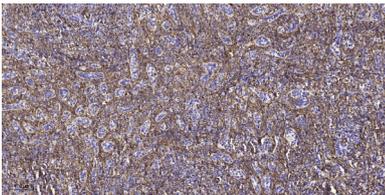
**Background**

This gene includes 11 exons spanning 25 kb and maps to a region of chromosome 16 that is sometimes deleted in breast and

prostate cancer. The second intron contains an apparently intronless gene, C16orf3, that is transcribed in the opposite orientation. This gene is a putative tumor suppressor gene. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2013],disease:Defects in GAS8 may be a cause of infertility in male lacking gametocytes.,function:Cytoskeletal linker which binds microtubules and probably functions in axonemal and non-axonemal dynein regulation. May play a role in the spermatozoa motility.,similarity:Belongs to the GAS8 family.,subcellular location:Associates with microtubules (By similarity). Localized to the cytoplasm of round spermatids, the tails of elongating spermatids, and mature spermatid tail bundles protruding into the lumen, and in the flagellum of epididymal spermatozoa.,tissue specificity:Expressed in the heart, skeletal muscle, pancreas and liver. Weakly or not expressed in brain, placenta, lung and kidney.,

## Research Area

## Image Data



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1, Gas8 Rabbit Polyclonal Antibody was diluted at 1:200 (4° overnight) . 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C, 20min) . 3, Secondary antibody was diluted at 1:200.