

Gas8 Polyclonal Antibody

Catalog No :	YT1854
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;WB;ELISA
Target :	Gas8
Gene Name :	GAS8
Protein Name :	Growth arrest-specific protein 8
Human Gene Id :	2622
Human Swiss Prot No :	O95995
Mouse Gene Id :	104346
Mouse Swiss Prot No :	Q60779
Rat Gene Id :	361438
Rat Swiss Prot No :	Q499U4
Immunogen :	Synthesized peptide derived from the Internal region of human Gas8.
Specificity :	Gas8 Polyclonal Antibody detects endogenous levels of Gas8 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 56kD

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],

Function : 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.,

Subcellular Location : Cytoplasm . Cytoplasm, cytoskeleton . Cell projection, cilium, flagellum . Cytoplasm, cytoskeleton, cilium axoneme . Cytoplasm, cytoskeleton, cilium basal body . Golgi apparatus . Cell projection, cilium . Cytoplasm, cytoskeleton, flagellum axoneme . Associates with microtubules (PubMed:10969087). 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 (By similarity). .

Expression : Expressed in respiratory epithelial cells (at protein level) (PubMed:26387594). Expressed in the heart, skeletal muscle, pancreas, liver, brain, trachea and lung. Weakly or not expressed in placenta and kidney (PubMed:9790751).

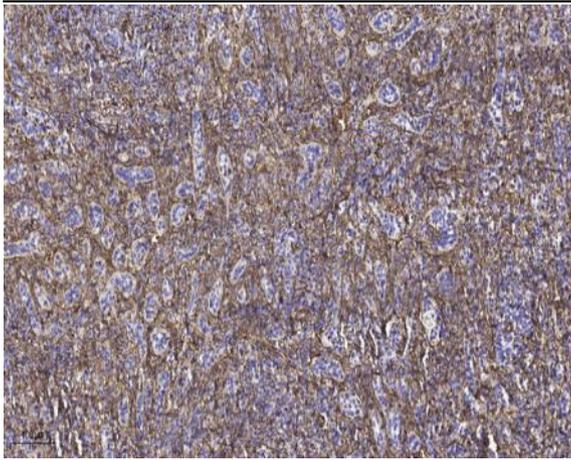
Sort : 6463

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary 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