

## Anti-GAS41 antibody



<b>Description</b>	Rabbit polyclonal to GAS41.
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<b>Model</b>	STJ93217
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human GAS41
<b>Immunogen Region</b>	10-90 aa, N-terminal
<b>Gene ID</b>	<a href="#">8089</a>
<b>Gene Symbol</b>	<a href="#">YEATS4</a>
<b>Dilution range</b>	WB 1:500-1:2000ELISA 1:20000
<b>Specificity</b>	GAS41 Polyclonal Antibody detects endogenous levels of GAS41 protein.
<b>Tissue Specificity</b>	Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	YEATS domain-containing protein 4 Glioma-amplified sequence 41 Gas41 NuMA-binding protein 1 NuBI-1 NuBI1
<b>Molecular Weight</b>	40 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:24859</a> <a href="#">OMIM:602116</a>
<b>Alternative Names</b>	YEATS domain-containing protein 4 Glioma-amplified sequence 41 Gas41 NuMA-binding protein 1 NuBI-1 NuBI1
<b>Function</b>	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.
<b>Cellular Localization</b>	Nucleus

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