

Product datasheet for **TA347600**

GAS41 (YEATS4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GAS41 Antibody: A synthesized peptide derived from human GAS41
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	YEATS domain containing 4
Database Link:	NP_006521 Entrez Gene 64050 Mouse Entrez Gene 8089 Human O95619

Background: YEATS4 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.



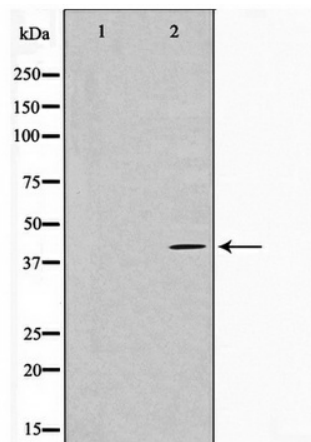
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Synonyms: 4930573H17Rik; B230215M10Rik; GAS41; NUBI-1; YAF9

Note: GAS41 Antibody detects endogenous levels of GAS41

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis on mouse lung cell lysate using GAS41 Antibody