



#24310

Catalog Number: 24310-1, 24310-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. :Q95619

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human GAS41

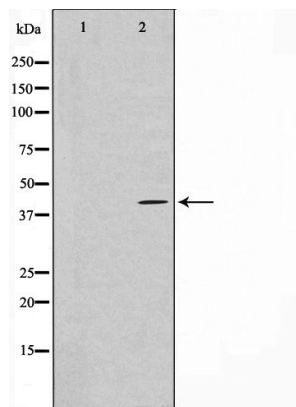
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: GAS41 Antibody detects endogenous levels of total GAS41

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 40kd WB: 1:500-2000



Western blot analysis on mouse lung cell lysate using
GAS41 Antibody

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.