

Product datasheet for **TA346962**

HDAC3 Mouse Monoclonal Antibody [Clone ID: 3G3-H6-H10]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | 3G3-H6-H10 |
| Applications: | WB |
| Recommended Dilution: | WB: 1:1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | The immunogen for HDAC3 antibody: purified recombinant human HDAC3 protein fragments expressed in E.coli. |
| Formulation: | ascites |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 49 kDa |
| Gene Name: | histone deacetylase 3 |
| Database Link: | NP_003874 Entrez Gene 15183 Mouse Entrez Gene 84578 Rat Entrez Gene 8841 Human O15379 |
| Background: | Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene. |
| Synonyms: | HD3; RPD3; RPD3-2 |



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Protein Families: Druggable Genome, Transcription Factors