
Product Information

Product SKU:	CAB19537	Gene ID:	8841	Size:	20uL, 100uL
Clone No:	ARC0016	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	49kDa	Conjugate:	Unconjugated
Calculated MW:	49kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:1000 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	HD3; RPD3; KDAC3; RPD3-2; HDAC3
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 329-428 of human HDAC3 (NP_003874.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.