

Product datasheet for **TA329535**

Hdac3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Hdac3 antibody: synthetic peptide corresponding to a region of Rat. Synthetic peptide located within the following region: DVPADLLTYDRTDEADAEERGPEENYSRPEAPNEFYDGDHDNDKESDVEI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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_445900 Entrez Gene 84578 Rat Q6P6W3
Background:	Hdac3 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Hdac3 is required to repress transcription of the POU1F1 transcription factor. Hdac3 acts as a molecular chaperone for shuttling phosphorylated NR2C1 to PML bodies for sumoylation.

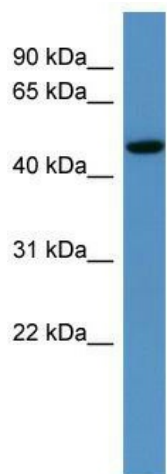


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Synonyms: HD3; RPD3; RPD3-2; SMAP45

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%; Yeast: 83%

Product images:



WB Suggested Anti-Hdac3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: Rat Liver