

Product Name: HDAC3 (3G3) Mouse Monoclonal Antibody
Catalog #: AMM03478

Summary

Production Name	HDAC3 (3G3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	HDAC3
Alternative Names	HDAC3; Histone deacetylase 3; HD3; RPD3-2; SMAP45
Gene ID	8841
SwissProt ID	O15379

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 49 kDa

Background

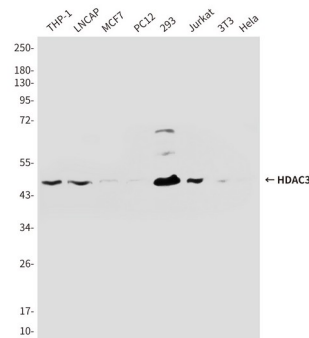
Product Name: HDAC3 (3G3) Mouse Monoclonal Antibody
Catalog #: AMM03478

HDAC3 is a nuclear and cytoplasmic protein that deacetylates both histone (H2A, H3, H4) and non-histone substrates (RelA, SRY, p53, MEF2, PCAF and p300/CBP). HDAC3 deacetylase activity is stimulated by interactions with the N-CoR and SMRT co-repressor proteins. Together, these three proteins form a functional complex that represses transcription associated with nuclear hormone receptors and other transcription factors, including Rev-Erb, COUP-TF, DAX1, MAD and Pit-1.

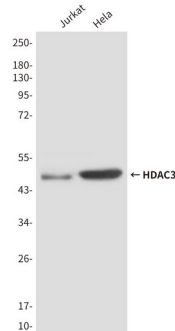
Research Area

Epigenetics and Nuclear Signaling

Image Data

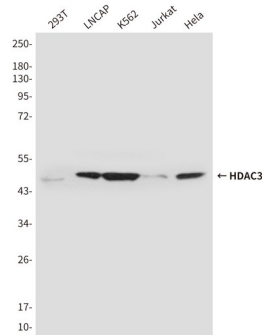


Western blot analysis of HDAC3 in THP-1, LNCAP, MCF-7, PC-12, 293, Jurkat, 3T3 and HeLa lysates using HDAC3 antibody.



Western blot analysis of HDAC3 (3G3) in Jurkat and HeLa lysates using HDAC3 antibody.

Product Name: HDAC3 (3G3) Mouse Monoclonal Antibody
Catalog #: AMM03478



Western blot analysis of HDAC3 (3G3) in HDAC3 knock down 293T, wildtype (WT), K562, Jurkat and HeLa lysates using HDAC3 antibody.

Note

For research use only.