

Anti-HDAC6 Rabbit Monoclonal Antibody

Introduction

Involved in the regulation of many cellular processes, including cell migration, immune synapse formation, viral infection, and degradation of misfolded proteins. HDAC6 binds to both poly-ubiquitinated misfolded proteins and dynein motors, facilitating the transport of misfolded proteins to the aggresome. Required for subsequent recruitment of the autophagic machinery and clearance of aggresomes from the cell. Plays a key role in the protection against the deleterious effects of pathological protein aggregation that occurs in various diseases.

Product parameters

Alternative Names	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6
Gene ID	10013
Gene Name	HDAC6
SwissProt ID	Q9UBN7
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 131 kDa; Observed MW: 131-160 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-9F12A8
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human HDAC6
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, IHC-P, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50
Research Field	Epigenetics and Nuclear Signaling

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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