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Anti-HDAC2 Rabbit mAb [34H02]

Catalog No.: A52142

Basic Information

Catalog No. (Cat.No.)	A52142
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	HDAC2,HDAC2,RTT101,RPD3-like

Product Information

Target	HDAC2
Molecular Weight(Calculated)	55 kDa
Molecular Weight(Observed)	55 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	34H02
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:500
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Histone deacetylase 2
Gene Name	*HDAC2*
Domain	NA
Background	HDAC2 (Histone Deacetylase 2) is a key subtype of the histone deacetylase family, widely expressed in human proliferative tissues and tumor cells. It coregulates histone acetylation modification, gene transcription, cell cycle, proliferation and apoptosis, and inflammatory responses. HDAC2 removes histone acetyl groups, remodels chromatin structure, inhibits the transcriptional expression of tumor suppressor genes and anti-inflammatory genes, and regulates cellular physiological processes. Abnormal overexpression of HDAC2 causes tumor suppressor gene silencing, sustained activation of inflammatory pathways and cell cycle disorder, continuously driving malignant tumor proliferation, inflammatory diseases and fibrotic diseases, with significant overexpression in lung cancer, liver cancer, colorectal cancer and other tumors.