ARG41799
anti-HDAC10 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HDAC10
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HDAC10
Species	Human
Immunogen	Synthetic peptide of Human HDAC10.
Conjugation	Un-conjugated
Alternate Names	HD10; EC 3.5.1.98; Histone deacetylase 10

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
IP	1:50
WB	1:1000 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: HeLa

Observed Size: ~ 75 kDa

Properties

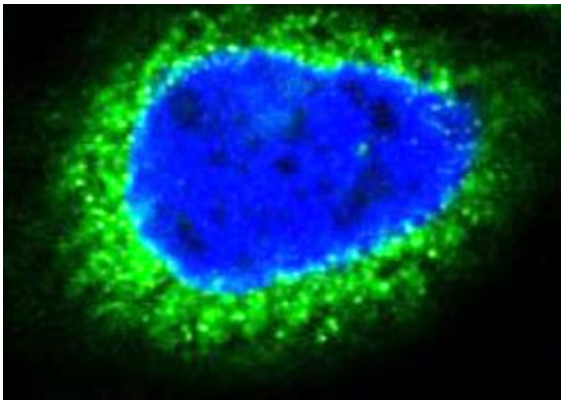
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

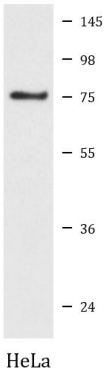
Gene Symbol	HDAC10
Gene Full Name	histone deacetylase 10
Background	The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Function	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. [UniProt]
Calculated Mw	71 kDa
Cellular Localization	Cytoplasm. Nucleus. Note=Excluded from the nucleoli. [UniProt]

Images



ARG41799 anti-HDAC10 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG41799 anti-HDAC10 antibody (green). Nuclear staining (blue).



ARG41799 anti-HDAC10 antibody WB image

Western blot: HeLa cell lysate stained with ARG41799 anti-HDAC10 antibody.