

Rabbit anti-human HDAC7 Polyclonal Antibody

Catalog Number: R16068P

| General Information | |
|---|--|
| Immunogen | A synthetic peptide of human HDAC7 |
| IgG type | IgG |
| Clonality | Polyclonal |
| Specificity | human HDAC7 |
| Applications & dilution | WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100 |
| Formulation | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Purity | ≥95% purity by SDS-PAGE |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |
| Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry | |

Background

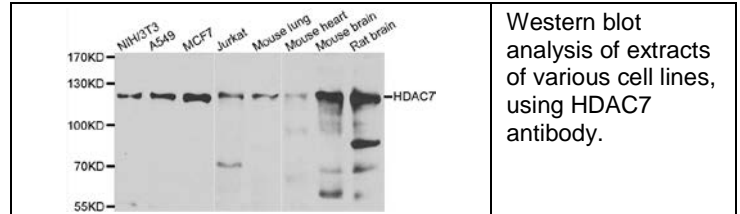
Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Preparation

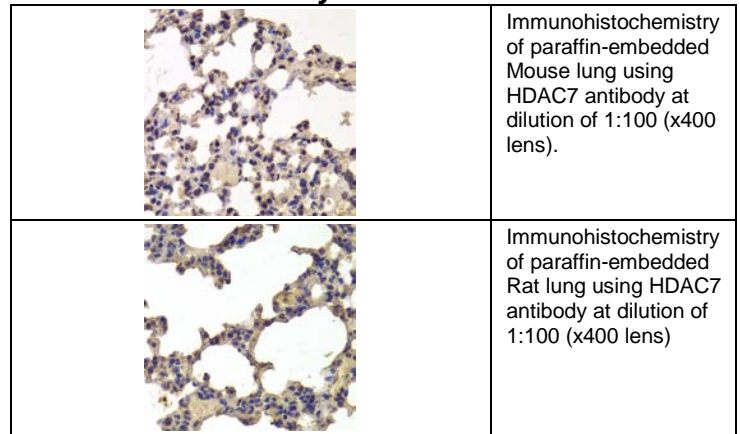
Polyclonal antibody is produced by immunizing rabbit with a synthetic peptide of human HDAC7 and purified using protein A resin.

Applications

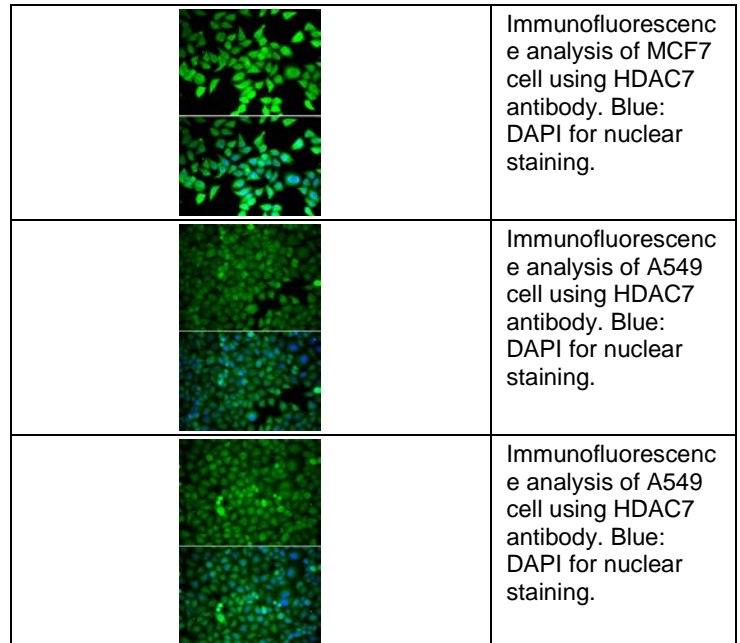
Western blot



Immunohistochemistry



Immunofluorescence



For research use only

Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

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