

## Rabbit anti-Human HDAC7 Polyclonal Antibody | anti-HDAC7 antibody

Rabbit anti-HDAC7 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA211452 | Rabbit | Human      | Immunohistochemistry, Western Blot |

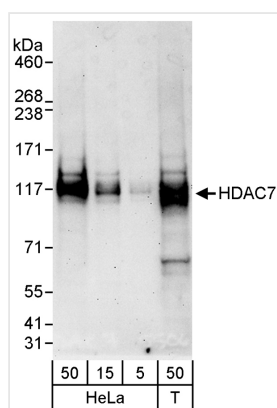
### PRODUCT SYNONYMS

HDAC7; Polyclonal Antibody; Rabbit anti-HDAC7 Antibody; Affinity Purified; HD7A; HDAC7A; histone deacetylase 7; histone deacetylase 7A; HD7; Histone deacetylase 7; anti-HDAC7 antibody

### PRODUCT SPECIFICATIONS

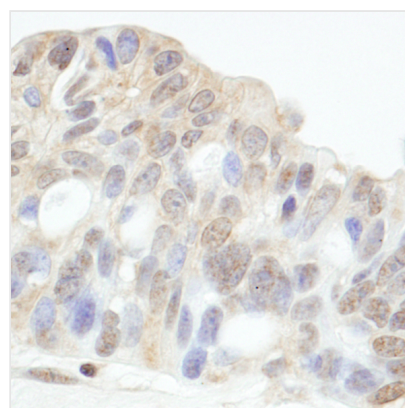
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human                                                                                     |
| Clonality                                       | Polyclonal                                                                                |
| Purity/Purification                             | Antigen Affinity Purified                                                                 |
| Form/Format                                     | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                   | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-HDAC7 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                             |
| Immunogen                                       | Between 425 and 475                                                                       |
| Conjugation                                     | Unconjugated                                                                              |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human HDAC7 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibody: Affinity purified rabbit anti-HDAC7 antibody AAA211452 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IHC (Immunohistochemistry)

Detection of human HDAC7 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HDAC7 (Cat. No. AAA211452 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HDAC7 antibody | Histone deacetylase 7 (HDAC7) is a class II histone deacetylase that catalyzes the removal of acetyl groups from core histone octamer subunits. HDAC7 appears to have an influence on cellular processes by acting as a transcriptional repressor. HDAC7 is highly expressed in double positive thymocytes and may play an important role in T-cell development. Recently, HDAC7 has also been reported to influence endothelial cell migration and modulate angiogenesis. |
| Product Categories/Family for anti-HDAC7 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                            |                       |
|----------------------------|-----------------------|
| NCBI GeneID                | 51564                 |
| UniProt Accession #        | Q8WUI4                |
| UniProt Protein Name       | Histone deacetylase 7 |
| UniProt Gene Name          | HDAC7                 |
| UniProt Synonym Gene Names | HDAC7A; HD7; HD7a     |
| UniProt Entry Name         | HDAC7_HUMAN           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hdac7-antibody-immunohistochemistry-western-blot-elisa/211452>