

Datasheet for ABIN2775577

**anti-HDAC11 antibody (Middle Region)**[Go to Product page](#)**2** Images

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | HDAC11  |
| Binding Specificity: | Middle Region   |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Goat |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This HDAC11 antibody is un-conjugated   |
| Application:         | Western Blotting (WB)   |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human HDAC11  |
| Sequence:             | SDRGGGFCA Y ADITLAIKFL FERVEGISRA TIIDLDAHQG N GHERDFMDD   |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Goat: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against HDAC11. It was validated on Western Blot using a cell lysate as a positive control.   |
| Purification:         | Affinity Purified  |

## Target Details

|         |        |
|---------|--------|
| Target: | HDAC11 |
|---------|--------|

## Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | HDAC11 ( <a href="#">HDAC11 Products</a> )   |
| Background:       | <p>Histone deacetylases, such as HDAC11, control DNA expression by modifying the core histone octamers that package DNA into dense chromatin structures and repress gene expression.Histone deacetylases, such as HDAC11, control DNA expression by modifying the core histone octamers that package DNA into dense chromatin structures and repress gene expression.[supplied by OMIM].</p> <p>Alias Symbols: FLJ22237, HD11</p> <p>Protein Interaction Partner: ATP2A3, RBM12B, ZNF326, SLC25A42, RCOR2, WDR36, PAXBP1, CIRH1A, CLPB, NUP85, HDAC11, RNF219, C2orf47, HHIP, MCCC2, XAB2, WRNIP1, PPAN, YLPM1, UTP6, NUP133, RBM22, DDX27, TTC27, HJURP, WDR33, PPP6R3, RIF1, RBM28, ACIN1, RUNX1, CALU, CAD, BDH1, IKZF1, DNAJA</p> <p>Protein Size: 347</p> |
| Molecular Weight: | 39 kDa   |
| Gene ID:          | 79885  |
| NCBI Accession:   | <a href="#">NM_024827</a> , <a href="#">NP_079103</a>  |
| UniProt:          | <a href="#">Q96DB2</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 347 AA   |
| Restrictions:      | For Research Use only  |

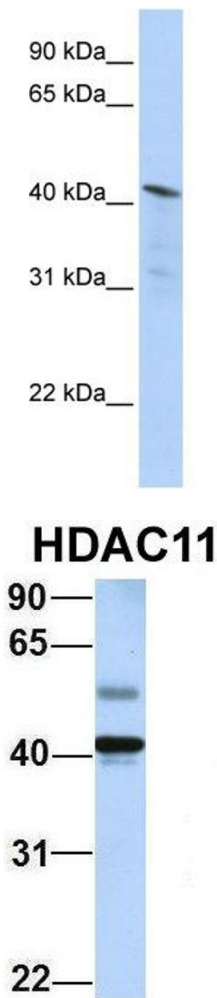
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | Lot specific   |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.   |

Handling

|                  |   |
|------------------|---|
| Storage:         | -20 °C  |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-HDAC11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate

**Western Blotting**

**Image 2.** Host: Rabbit Target Name: HDAC11 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml