

## Anti-HDAC5 antibody (350-450) (STJ29269)

### GENERAL INFORMATION

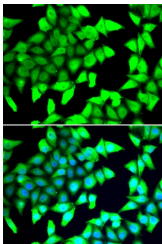
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/ICC/ELISA    |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human              |

### PRODUCT PROPERTIES

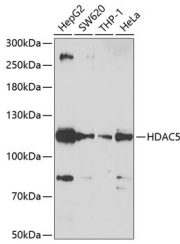
|                       |                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>      | Polyclonal                                                                                                                                                                 |
| <b>Clone ID</b>       |                                                                                                                                                                            |
| <b>Concentration</b>  | Lot specific                                                                                                                                                               |
| <b>Conjugation</b>    | Unconjugated                                                                                                                                                               |
| <b>Purification</b>   | Affinity purification                                                                                                                                                      |
| <b>Dilution Range</b> | WB:1:500-1:2000<br>IF/ICC:1:20-1:50<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>    | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                         |
| <b>Isotype</b>        | IgG                                                                                                                                                                        |
| <b>Storage</b>        | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |
| <b>Instruction</b>    |                                                                                                                                                                            |

### TARGET INFORMATION

|                           |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 10014                                                                                                        |
| <b>Gene Symbol</b>        | HDAC5                                                                                                        |
| <b>Uniprot ID</b>         | HDAC5_HUMAN                                                                                                  |
| <b>Immunogen</b>          |                                                                                                              |
| <b>Immunogen Region</b>   | 350-450                                                                                                      |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 350-450 of human HDAC5 (NP_005465.2).     |
| <b>Immunogen Sequence</b> | RALPLDSSPNQFSLYTSPSL PNISLGLQATVTVTNSHLTA SPKLSTQQEAEERQALQSLRQ GGTLTGKFMSTSSIPGCLLG VALEGDGSPHGHASLLQHV L L |



Immunofluorescence analysis of A549 cells using HDAC5 antibody (STJ29269). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using HDAC5 antibody (STJ29269) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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