

## HDAC5 Antibody

**CAB7189**

### Description

---

This HDAC5 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

**SKU:** CAB7189  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** HD5, NY-CO-9, HDAC5  
**Clone:** -  
**Applications:** **WB** **IF/ICC** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human

### Antibody Data

---

**Gene ID:** 10014  
**Uniprot:** AB\_2767739  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 121kDa  
**Calculated MW:** 122kDa

## Preparation & Storage

---

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HepG2, SW620, THP-1, HeLa

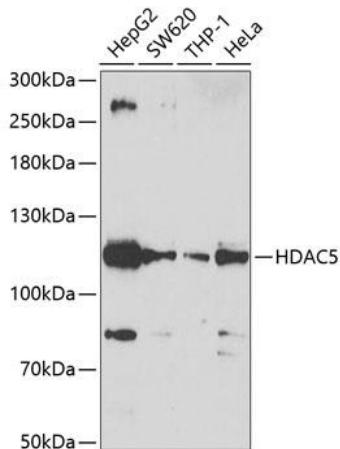
**Recommended Dilutions:**

WB	1:500 - 1:2000
IF/ICC	1:20 - 1:50
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

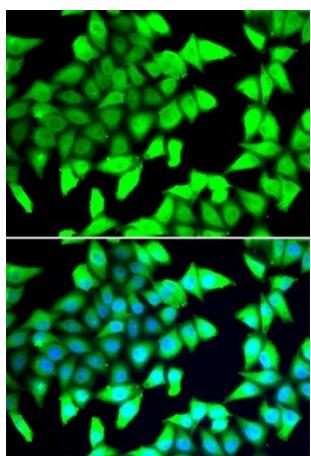
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

---



Western blot analysis of various lysates using HDAC5 Rabbit pAb (CAB7189) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of cells using HDAC5 Rabbit pAb (CAB7189). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.