SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB0144-200 | 600 µg |

## Anti-Ubiquitin

**Source:** Goat

**General description:** Goat polyclonal antibody to Ubiquitin. Ubiquitin is a highly conserved of about 8.5 kDa regulatory protein expressed in all eukaryotic tissues. Its function is labelling of proteins for degradation through ubiquitin proteasome system. In order to perform this function, the protein to be degraded is first covalently attached to the C terminus of ubiquitin, and a complex of degradative enzymes then recognizes the ubiquitinated complex.

**Alternative names:** HMG20, UBA52, UBA80, UBB, UBC, UBCEP1, UBCEP2, antibody.

**Form:** Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Purified recombinant human ubiquitin produced in E. coli.

**Specificity:** Using the recombinant human ubiquitin gives a positive signal by Western blot.

**Reactivity:** Reacts with Human, Rat, Mouse, Monkey and Canine proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA |
|---|---|---|---|---|---|
| Human | +++ | ND | ND | ND | ND |
| Rat | +++ | ND | ND | ND | ND |
| Mouse | +++ | ND | ND | ND | ND |
| Canine | +++ | ND | ND | ND | ND |
| Monkey | +++ | ND | ND | ND | ND |

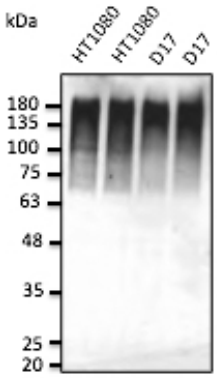
+++ excellent, ++ good, + poor, ND not determined

**Usage:**

WB: 1:500-1:2,000

**Storage:** For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

**Special instructions:** The antibody solution should be gently mixed before use..




Anti-Ub Ab at 2,500 dilution; cells stimulated with MG132; lysate at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.