

Catalogue No. AB0144-200

Qty: 600 µg (3 mg/ml)

Ubiquitin Polyclonal Antibody

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 (MQIFVKLTGTGKITLEVEPSDTIENVKAKIQDKEGIPPDQRLIFAGKQLEDGRTLSDYNIQKESTLHLVLRLLRGG) produced in *E. coli*.

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

Reactivity: Reacts against human, rat, mouse, canine and monkey proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

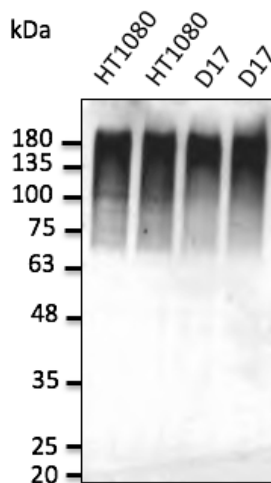
+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:2,000
 Immunofluorescence ND
 Immunohistochemistry (paraffin) ND
 Immunohistochemistry (frozen) ND

Special instructions: Avoid freeze/thaw cycles.

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

References:



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.