

## Rabbit Ubiquitin Polyclonal Antibody | anti-UBB antibody

Ubiquitin Antibody: ATTO 390

| CATALOG # | HOST   | REACTIVITY                                                                                                                                    | APPLICATIONS                                                                                              |
|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| AAA103611 | Rabbit | Human, Monkey, Mouse, Rat, Hamster, Rabbit, Guinea pig, Bovine, Pig, Canine, Sheep, Chicken, Xenopus, Yeast, Drosophila, Fish (Rainbow trout) | Immunofluorescence, Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Western Blot |

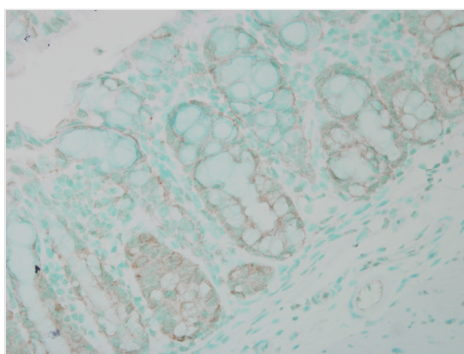
### PRODUCT SYNONYMS

Ubiquitin; Polyclonal Antibody; Ubiquitin Antibody: ATTO 390; Polyubiquitin B; RPS27A; UBA52; UBB; UBC; ubiquitin B; anti-UBB antibody

### PRODUCT SPECIFICATIONS

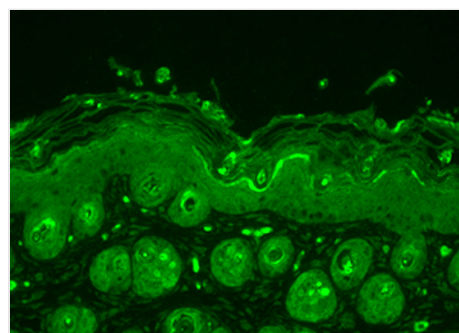
|                                               |                                                                                                                                               |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                        |
| Reactivity                                    | Human, Monkey, Mouse, Rat, Hamster, Rabbit, Guinea pig, Bovine, Pig, Canine, Sheep, Chicken, Xenopus, Yeast, Drosophila, Fish (Rainbow trout) |
| Clonality                                     | Polyclonal                                                                                                                                    |
| Form/Format                                   | Protein A Purified                                                                                                                            |
| Concentration                                 | 1mg/mL (varies by lot)                                                                                                                        |
| Sequence Length                               | 305                                                                                                                                           |
| Applicable Applications for anti-UBB antibody | IF (Immunofluorescence), ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), WB (Western Blot)                                    |
| Conjugate                                     | ATTO 390                                                                                                                                      |
| Storage Buffer                                | PBS pH7.4, 50% glycerol, 0.09% sodium azide                                                                                                   |
| Preparation and Storage                       | -20 degree C                                                                                                                                  |

### IMAGES



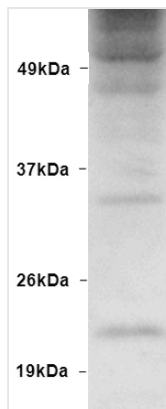
#### IHC (Immunohistochemistry)

Immunohistochemistry analysis using Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119). Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119) at 1:100000 for 12 hours at 4 degree C. Secondary Antibody: Biotin Goat Anti-Rabbit at 1:2000 for 1 hour at RT. Counterstain: Methyl Green at 200uL for 2 min at RT.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis using Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative Solution. Primary Antibody: Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:50 for 1 hour at RT. Localization: Cytoplasm.



#### WB (Western Blot)

Western blot analysis of Human Embryonic kidney epithelial cell line (HEK293) lysate showing detection of Ubiquitin protein using Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119).  
Primary Antibody: Rabbit Anti-Ubiquitin Polyclonal Antibody (SPC-119) at 1:1000.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-UBB antibody | <p><b>Background Info:</b> The antibody recognizes ~10kDa corresponding to free ubiquitin of human, mouse, monkey, bovine and rat origins. It also recognizes ubiquitinated proteins.</p> <p><b>Scientific Background:</b> Ubiquitin is a small protein that occurs in all eukaryotic Ubiquitin is a small protein that occurs in all eukaryotic</p>                                                                                                                                                                                                                                                                                         |
| Product Categories/Family for anti-UBB antibody   | <a href="#">Apoptosis</a> ; <a href="#">Cell Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| References                                        | <p>1. Wilkinson K.D. (1995) Annu. Rev. Nutr. 15:161-189. 3. Bonifacino J.S., et al. (1998) Annu Rev Cell Dev Biol. 14: 19-57. 4. Boston Biochem. "Ubiquitin Proteasome Pathway Overview" <a href="http://www.bostonbiochem.com/upp.php">http://www.bostonbiochem.com/upp.php</a> 5. Yang M., et al. (1998) J Exp Med. 187: 1835-1846. 6. Chen Z.J., et al. (1996) Cell 84: 853-862.</p> <p>Anne Bailey and Lorne J. Hofseth. A method to enhance the sensitivity and reproducibility of immunohistochemistry <a href="http://www.prohisto.com/pdfs/Hofseth_Manuscript-81.pdf">http://www.prohisto.com/pdfs/Hofseth_Manuscript-81.pdf</a></p> |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">27806505</a>                                                                                                                                                                                                                                                                                  |
| NCBI GeneID                      | <a href="#">281370</a>                                                                                                                                                                                                                                                                                    |
| NCBI Accession #                 | <a href="#">NP_776558.1</a>                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_174133.2</a>                                                                                                                                                                                                                                                                               |
| UniProt Accession #              | <a href="#">P0CG53</a> ; <a href="#">O97577</a> ; <a href="#">P02248</a> ; <a href="#">P02249</a> ; <a href="#">P02250</a> ; <a href="#">P62990</a> ; <a href="#">P80169</a> ; <a href="#">Q01235</a> ; <a href="#">Q24K23</a> ; <a href="#">Q28169</a> ; <a href="#">Q28170</a> ; <a href="#">Q29120</a> |
| Molecular Weight                 | 34,308 Da                                                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | polyubiquitin-B                                                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | ubiquitin B<                                                                                                                                                                                                                                                                                              |
| NCBI Official Symbol             | UBB                                                                                                                                                                                                                                                                                                       |
| NCBI Protein Information         | polyubiquitin-B                                                                                                                                                                                                                                                                                           |
| UniProt Protein Name             | Polyubiquitin-B                                                                                                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>UBB</b>                                                                                                                                                                                                                                                                                                |
| UniProt Entry Name               | UBB_BOVIN                                                                                                                                                                                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ubiquitin-antibody-immunofluorescence-chromatin-immunoprecipitation-immunoprecipitation-western-blot-elisa/103611>