



# DYLT3 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-05547                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>                   | DYNLT3 TCTE1L TCTE1XL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein AA range: 1-50                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | DYLT3 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | TCTEX1L;TCTE1XL;TCTE1L;T-complex-associated testis-expressed 1-like;RP3; DYLT3;DYNLT3 TCTE1L TCTE1XL;Dynein light chain Tctex-type 3 (Protein 91/23) (T-complex-associated testis-expressed 1-like)                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>               | 12kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 12kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Nucleus. Cytoplasm, cytoskeleton. Chromosome, centromere, kinetochore. Colocalizes with BUB3 at kinetochores specifically during prometaphase.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          | Placenta,Subthalamic nucleus,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>                    | caution:Was originally (PubMed:8004092) thought to be a candidate for RP3., similarity:Belongs to the dynein light chain Tctex-type family.,                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Background</b>                  | dynein light chain Tctex-type 3(DYNLT3) Homo sapiens This gene encodes a member of a subclass of dynein light chains. The encoded protein homodimerizes and forms the light chain component of the cytoplasmic dynein motor protein complex. This protein may be important for binding dynein to specific cargos including the spindle checkpoint protein BUB3. This protein may also function independently of dynein as a transcriptional modulator. Pseudogenes of this gene are found on chromosomes 2 and 20.[provided by |



RefSeq, Mar 2010],

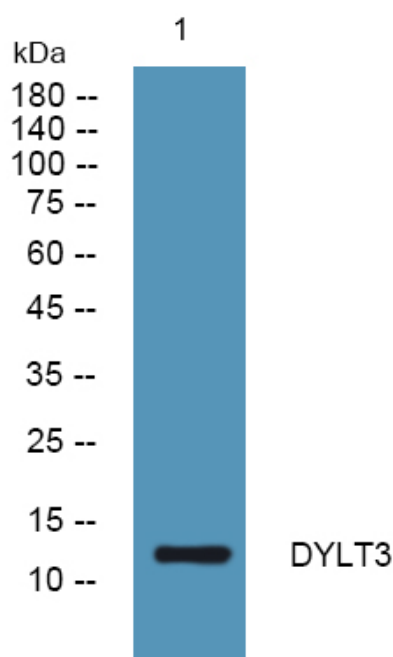
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

Western blot analysis of lysates from U2OS cells,  
primary antibody was diluted at 1:1000, 4°over night