

## Goat tdTomato Polyclonal Antibody | anti-tdTomato antibody

Anti-tdTomato, DyLight550

| CATALOG # | HOST | REACTIVITY                             | APPLICATIONS                                           |
|-----------|------|----------------------------------------|--------------------------------------------------------|
| AAA13880  | Goat | Reacts with Transfected cells proteins | Western Blot, Immunofluorescence, Immunohistochemistry |

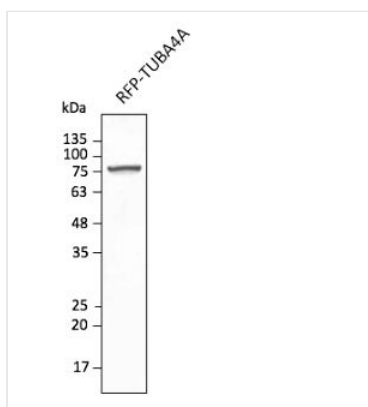
### PRODUCT SYNONYMS

tdTomato; Polyclonal Antibody; Anti-tdTomato; DyLight550; Cherry fluorescent protein; DsRed; mCherry; red fluorescent protein; RFP antibody; anti-tdTomato antibody

### PRODUCT SPECIFICATIONS

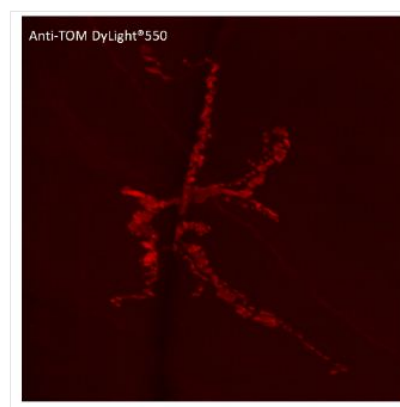
|                                                    |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Goat                                                                                                                                                                                                                                                              |
| Reactivity                                         | Reacts with Transfected cells proteins                                                                                                                                                                                                                            |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                                        |
| Specificity                                        | In 293HEK cells transfected with cds plasmid detects a band of 55kDa by Western blot. It also detects tdTomato in brain sections by IHC. This antibody is specific for tdTomato and mCherry proteins. It does not cross-react to GFP (green fluorescent protein). |
| Purity/Purification                                | This antibody is epitope-affinity purified from goat antiserum.                                                                                                                                                                                                   |
| Form/Format                                        | Supplied as a 100ul (2.5mg/ml) aliquot in PBS, 20% glycerol and 0.05% ProClin and 0.05% sodium azide.                                                                                                                                                             |
| Applicable Applications for anti-tdTomato antibody | WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                                                                                                                                            |
| Application Notes                                  | WB: 1:500-1:2,000<br>IF: 1:50-1:500<br>IHC-F: 1:50-1:1,000                                                                                                                                                                                                        |
| Immunogen                                          | Purified recombinant peptide produced in E Coli                                                                                                                                                                                                                   |
| Preparation and Storage                            | Store at -20 degree C for long-term storage. Store at 2-8 degree C for up to one month. Avoid freeze/thaw cycles.                                                                                                                                                 |

### IMAGES



#### WB (Western Blot)

Anti-tdTomato Ab conjugated to DyLight 550 at 1/2,500 dilution using HEK293 transfected cell lysates at 50 ug per lane;



#### IF (Immunofluorescence)

Immunofluorescence in Drosophila larvae expressing tdTomato fusion protein in neurons using Anti-tdTomato conjugated to DyLight550 at 1/500;

| Sample            | WB  | IHC (I) | IHC (P) | IF  | ELISA | IEM |
|-------------------|-----|---------|---------|-----|-------|-----|
| Transfected cells | +++ | +++     | ND      | +++ | ND    | ND  |

#### Reactivity Chart

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

## ADDITIONAL INFORMATION

#### Related Product Information for anti-tdTomato antibody

Goat polyclonal antibody to tdTomato (red fluorescent protein) conjugated to DyLight 550. tdTomato protein is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus *Discosoma*. It is a genetic fusion of two copies of the dTomato gene, which has been specifically designed for low aggregation. It's brightness and emission wavelength, makes it ideal for live animal research.

#### Product Categories/Family for anti-tdTomato antibody

Primary

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdtomato-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/13880>