

## Goat tdTomato Polyclonal Antibody

anti-tdTomato

| CATALOG # | HOST | REACTIVITY                             | APPLICATIONS                                                                 |
|-----------|------|----------------------------------------|------------------------------------------------------------------------------|
| AAA63250  | Goat | Reacts with Transfected cells proteins | Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Western Blot |

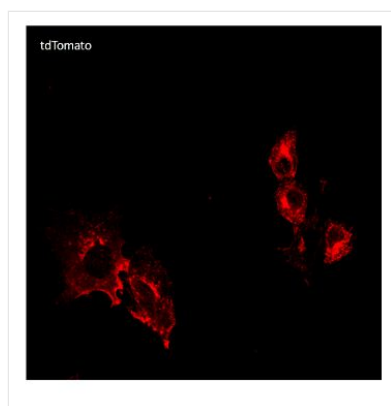
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

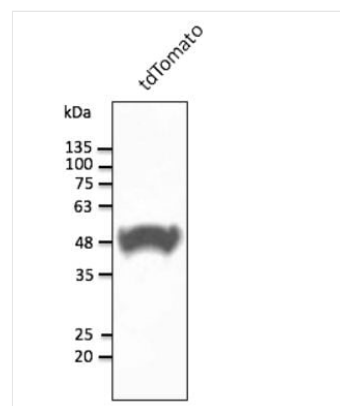
|                                                    |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Goat                                                                                                                                                                                                                                                              |
| Reactivity                                         | Reacts with Transfected cells proteins                                                                                                                                                                                                                            |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                                        |
| Isotype                                            | IgG                                                                                                                                                                                                                                                               |
| Specificity                                        | In 293HEK cells transfected with cds plasmid detects a band of 54kDa 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                                | Epitope affinity purified                                                                                                                                                                                                                                         |
| Form/Format                                        | Polyclonal antibody supplied as a 200ul (2mg/ml) aliquot in NaHCO <sub>3</sub> 100mM pH9; no preservatives. This antibody is epitope-affinity purified from goat antiserum and does not contain preservatives.                                                    |
| Applicable Applications for anti-tdTomato antibody | IEM (Immunoelectron Microscopy), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                                                                               |
| Immunogen                                          | Purified recombinant peptide produced in E Coli.                                                                                                                                                                                                                  |
| Preparation and Storage                            | Store at -20°C for long-term storage.                                                                                                                                                                                                                             |

### IMAGES



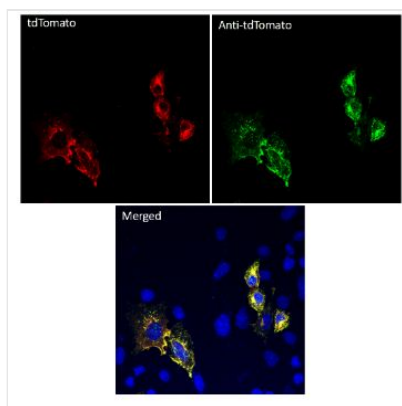
#### IF (Immunofluorescence)

Immunofluorescence - anti-tdTomato Ab using hCEC cells transfected with tdTomato-CAV1; cells were fixed with methanol and anti-tdTomato at 1/250;



#### Application Data

Anti-tdTomato Ab at 1/2,500 dilution using HEK293 transfected cell lysates at 50 ug per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



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

Reactivity Data

#### IF (Immunofluorescence)

Immunofluorescence -Anti-tdTomato Ab using hCEC cells transduced with tdTomato-CAV1; cells were fixed with methanol and Anti-tdTomato at 1/250;

## ADDITIONAL INFORMATION

### Related Product Information for anti-tdTomato antibody

Goat polyclonal antibody to tdTomato (red fluorescent protein). 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 is a ~54kDa protein that is optimally excited at a 554nm and has a maximum of emission at 581nm. 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdtomato-antibody-immunoelectron-microscopy-immunohistochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/63250>