

Goat tdTomato Polyclonal Antibody | anti-tdTomato antibody

Anti-tdTomato, DyLight633

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63209	Goat	Reacts with Transfected cells	Immunohistochemistry, Immunofluorescence, Western Blot

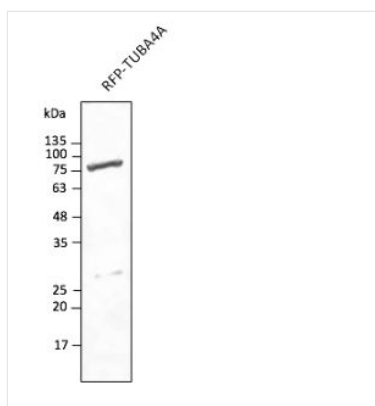
PRODUCT SYNONYMS

tdTomato; Polyclonal Antibody; Anti-tdTomato; DyLight633; Cherry fluorescent protein; DsRed; mCherry; red fluorescent protein; RFP antibody; anti-tdTomato antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Reacts with Transfected cells
Clonality	Polyclonal
Isotype	IgG
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	Polyclonal antibody supplied as a 100ul (2.5mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Applicable Applications for anti-tdTomato antibody	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. Store at 2-8°C for up to one month.

IMAGES

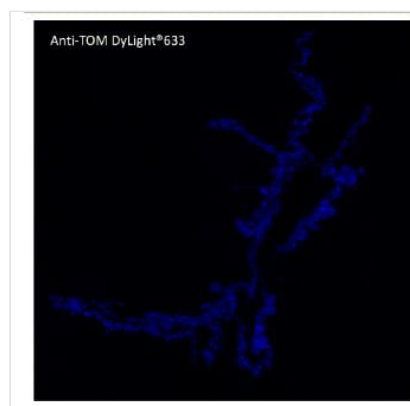


Application Data

Anti-tdTomato Ab conjugated to DyLight 633 at 1/2,500 dilution using HEK293 transfected cell lysates at 50 ug per lane;

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

Reactivity Data



IF (Immunofluorescence)

Immunofluorescence in Drosophila larvae expressing tdTomato fusion protein in neurons using Anti-tdTomato conjugated to DyLight633 at 1/500;

ADDITIONAL INFORMATION

Related Product Information for anti-tdTomato antibody	Goat polyclonal antibody to tdTomato (red fluorescent protein) conjugated to DyLight 633. 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdtomato-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/63209>