

Goat tdTomato Polyclonal Antibody

Anti-tdTomato, DyLight405

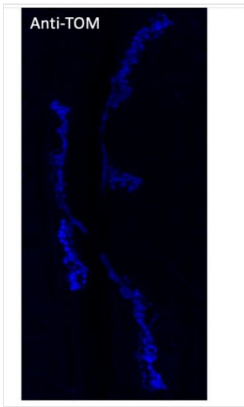
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63207	Goat	Transfected cells, tdTomato, mCherry, red fluorescent protein (DsRed) from so-called disc corals of Discosoma species.	Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

tdTomato; Polyclonal Antibody; Anti-tdTomato; DyLight405; Cherry fluorescent protein; DsRed; mCherry; red fluorescent protein; RFP antibody; anti-tdTomato antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Transfected cells, tdTomato, mCherry, red fluorescent protein (DsRed) from so-called disc corals of Discosoma species.
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	Epitope affinity purified
Form/Format	Polyclonal antibody supplied as a 100ul (2.5mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Concentration	2mg/ml (varies by lot)
Applicable Applications for anti-tdTomato antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Conjugation	DyLight405
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.



Reactivity Data

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

IF (Immunofluorescence)
Immunofluorescence in Drosophila larvae expressing tdTomato in neurons using Anti-tdTomato conjugated to DyLight405 at 1/500;

ADDITIONAL INFORMATION

Related Product Information for anti-tdTomato antibody	Goat polyclonal antibody to tdTomato (red fluorescent protein) conjugated to DyLight 405. 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
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdtomato-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/63207>