

Goat tdTomato Polyclonal Antibody

anti-tdTomato

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13876	Goat	Reacts with Transfected cells proteins	Western Blot, Immunofluorescence, Immunohistochemistry, Immunohistochemistry

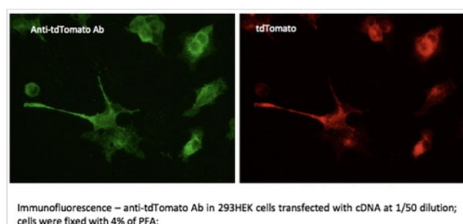
PRODUCT SYNONYMS

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

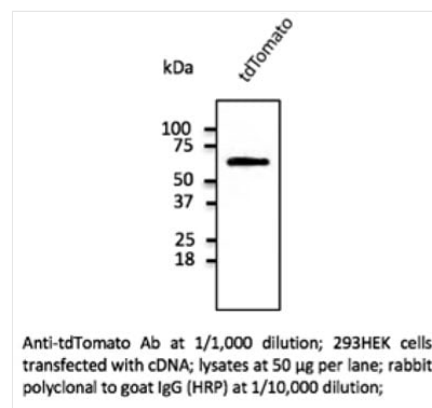
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Reacts with Transfected cells proteins
Clonality	Polyclonal
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 55 kDa 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 200 uL (3 mg/mL) aliquot in PBS. 20% glycerol and 0.05% sodium azide.
Applicable Applications for anti-tdTomato antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 - 1:2,000 IHC(F): 1:50-1:500 IHC(P): 1:50-1:500 IF: 1:50-1:500
Immunogen	Purified recombinant peptide produced in E. coli.
Special Instructions	The antibody solution should be gently mixed before use.
Preparation and Storage	For continuous use, store at 2-8 degree C for one-two days. For extended storage, store in -20 degree C freezer. Working dilution samples should be discarded if not used within 12 hours.

IMAGES



IF (Immunofluorescence)



WB (Western Blot)

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

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

Reactivity Chart

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. Its brightness and emission wavelength makes it ideal for live animal research.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085845
NCBI Official Full Name	tdTomato

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-western-blot-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/13876>