

Datasheet for ABIN6254170

anti-tdTomato antibody

4 Images

12 Publications

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Overview

Quantity:	600 µg
Target:	tdTomato
Reactivity:	Discosoma
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This tdTomato antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoelectron Microscopy (IEM)

Product Details

Immunogen:	Purified recombinant peptide produced in E. coli.
Isotype:	IgG
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 (AB8181) is specific for tdTomato and mCherry proteins. It does not cross-react to GFP (green fluorescent protein).
Cross-Reactivity (Details):	tdTomato, mCherry, RFP
Characteristics:	Red Fluorescent Protein
Purification:	epitope affinity purified

Target Details

Target:	tdTomato
Alternative Name:	tdTomato (tdTomato Products)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Handling Advice:	The antibody solution should be gently mixed before use.
Storage:	4 °C,-20 °C
Storage Comment:	For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.

Publications

Product cited in: Saavedra, Wallace, Freudenrich, Mall, Mundy, Davila, Shafer, Wernig, Haag: "Comparison of Acute Effects of Neurotoxic Compounds on Network Activity in Human and Rodent Neural Cultures." in: **Toxicological sciences : an official journal of the Society of Toxicology**, (2021) ([PubMed](#)).

Cadwell, Scala, Fahey, Kobak, Mulherkar, Sinz, Papadopoulos, Tan, Johnsson, Hartmanis, Li, Cotton, Tolias, Sandberg, Berens, Jiang, Tolias: "Cell type composition and circuit organization of clonally related excitatory neurons in the juvenile mouse neocortex." in: **eLife**, Vol. 9, (2020) ([PubMed](#)).

Unnersjö-Jess, Scott, Sevilla, Patrakka, Blom, Brismar: "Confocal super-resolution imaging of the glomerular filtration barrier enabled by tissue expansion." in: **Kidney international**, Vol. 93, Issue 4, pp. 1008-1013, (2019) ([PubMed](#)).

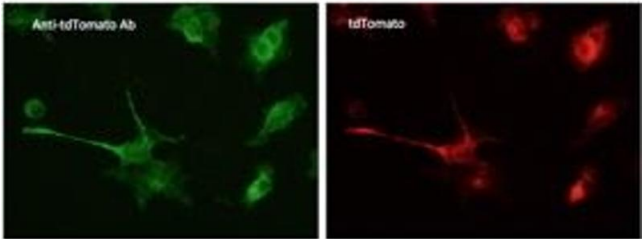
Park, Choi, Park, Sim, Park, Kang, Yim, Lee, Kim, Pac, Rhee, Lee, Lee, Lee, Kim: "Scalable and Isotropic Expansion of Tissues with Simply Tunable Expansion Ratio." in: **Advanced science (Weinheim, Baden-Wurttemberg, Germany)**, Vol. 6, Issue 22, pp. 1901673, (2019) ([PubMed](#)).

Niquille, Limoni, Markopoulos, Cadilhac, Prados, Holtmaat, Dayer: "Neurogliaform cortical

interneurons derive from cells in the preoptic area." in: **eLife**, Vol. 7, (2019) ([PubMed](#)).

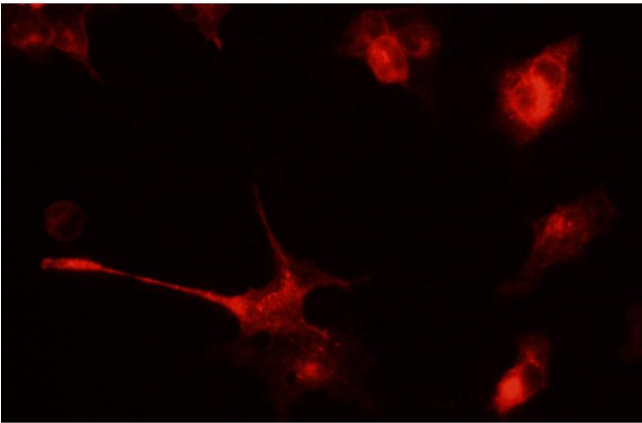
There are more publications referencing this product on: [Product page](#)

Images



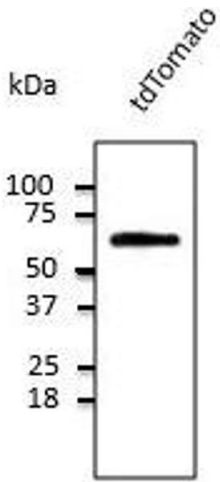
Immunofluorescence

Image 1.



Immunofluorescence

Image 2. Immunofluorescence - anti-tdTomato Ab in 293HEK Cells transfected with cDNA at 1/50 dilution, cells were fixed with 4% of PFA,



Western Blotting

Image 3. Anti-tdTomato Ab at 1/1,000 dilution, 293HEK cells transfected with cDNA, lysates at 50 µg per lane, rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6254170.