

Goat anti-tdTomato Polyclonal Antibody

#Cat: NB-25-00005 Size:600ug

General description:

Goat anti-tdTomato Polyclonal Antibody. 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 Information:

Source:	Goat
Alternative names:	Cherry fluorescent protein, DsRed, mCherry, red fluorescent protein, RFP antibody.
Form:	Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Immunogen:	Purified recombinant peptide produced in <i>E. coli</i> .
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 Goat anti-tdTomato Polyclonal Antibody and mCherry proteins. It does not cross-react to GFP (green fluorescent protein).
Reactivity:	Reacts with Transfected cells proteins

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

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

Usage :

WB :	1:500-1:2,000
IHC (F):	1:50-1:500
IHC (P):	1:50-1:500
IF:	1:50-1:500
ELISA:	ND

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

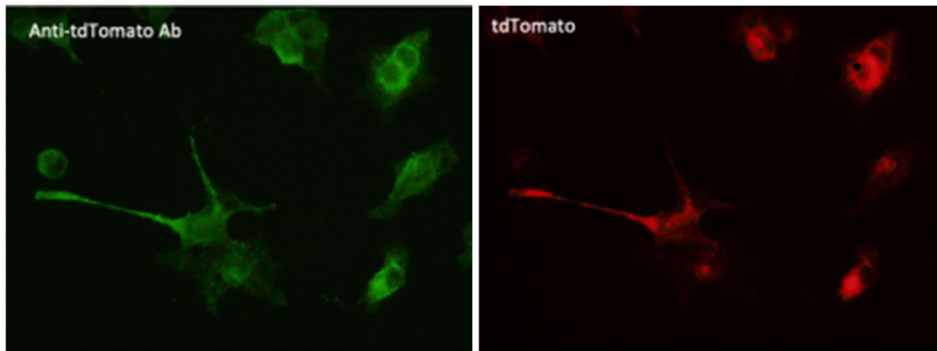
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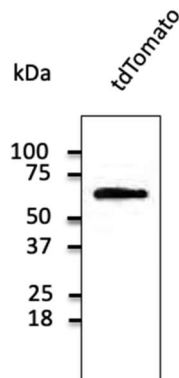
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Immunofluorescence – Goat anti-tdTomato Polyclonal Antibody Ab in 293HEK cells transfected with cDNA at 1/50 dilution; cells were fixed with 4% of PFA;



Goat anti-tdTomato Polyclonal Antibody 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;

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