PRODUCT DATASHEET

Anti-mTFP (Rat) "Brainbow" Cat. #155264

Contributor Information

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Tool Details

Tool Name: Anti-mTFP (Rat) "Brainbow"
Tool type: Antibodies
Tool sub-type: Primary antibody
Class: Polyclonal
Host: Rat
Application: IF ; IP ; WB
Description: The mTFP polyclonal antibody is one of the Brainbow collection which has been used in a multicolor labelling strategy for the fluorescent imaging of neuronal circuits and individual neurons in mice, drosophila and zebrafish and non-neuronal cells in mice. The Brainbow toolkit allows scientists to image highly complex tissue structures by relying on a stochastic method for making different expression ratio combinations of fluorescent proteins so that structures in proximity can be resolved.
Research area: Neurobiology
For Research Use Only

Target Details

Target: mTFP
Target background: TFP fluorescent protein is originated from coral (Clavularia sp.).

Application Details

Application: IF ; IP ; WB
Application notes: IF, IP, WB: 1:1000-1:2000 ; IHC/ExM: 1:500-1:1000

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Storage buffer: Serum with 0.02% sodium azide
Storage conditions: -80°C
Shipping conditions: Shipping at 4°C

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References

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Manent et al. 2017. Oncogene. 36(40):5576-5592. PMID: 28581519.

Chang et al. 2017. Nat Methods. 14(6):593-599. PMID: 28417997.

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