

Anti-NeuN antibody [SMM5346] (STJ11107255)

GENERAL INFORMATION

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|---------------|-----------------------|
| Product Type | Primary antibodies |
| Applications | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Mouse |
| Reactivity | Human/Mouse/Rat |

PRODUCT PROPERTIES

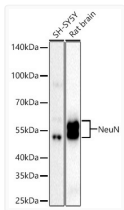
| | |
|---------------------|--|
| Clonality | Monoclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:2500-1:5000 IHC-P:1:200-1:800 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 34kDa Observed Mw: 46-55kDa |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

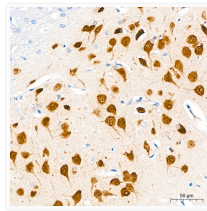
| | |
|-------------|------------------------------------|
| Gene ID | 146713 |
| Gene Symbol | RBFOX3 |
| UniProt ID | RFOX3_HUMAN |
| Specificity | Recombinant protein of human NeuN. |

ADDITIONAL INFORMATION

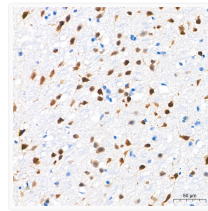
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



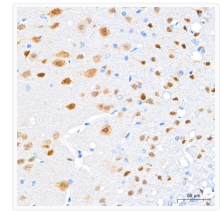
Western blot analysis of various lysates using NeuN Mouse mAb (STJ11107255) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



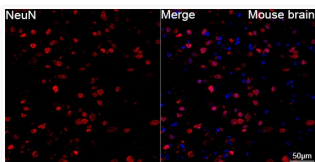
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using NeuN Mouse mAb (STJ11107255) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



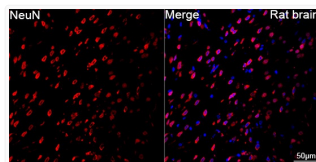
Immunohistochemistry analysis of paraffin-embedded Human brain tissue using NeuN Mouse mAb (STJ11107255) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using NeuN Mouse mAb (STJ11107255) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Confocal imaging of paraffin-embedded Mouse brain tissue using NeuN Mouse mAb (STJ11107255, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) (STJS001167, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Rat brain tissue using NeuN Mouse mAb (STJ11107255, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) (STJS001167, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.