

Anti-RBFOX3 antibody (1-100) [S3MR] (STJ11101623)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

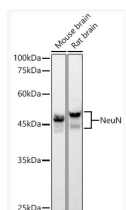
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P: 1:500-1:2000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
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

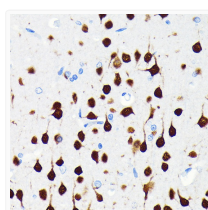
Gene ID	146713
Gene Symbol	RBFOX3
UniProt ID	RFOX3_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MAQPYPPAQYPPPPQNGIPA EYAPPPHPTQDYSGQTPVP TEHGMTLYTPAQTHPEQPGS EASTQPIAGTQTPVQTDEAA QTDSQPLHPSDPTEKQPKR
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NeuN (A6NFN3).

ADDITIONAL INFORMATION

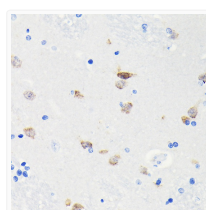
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



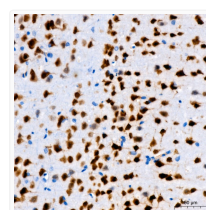
Western blot analysis of extracts of various cell lines, using NeuN rabbit monoclonal antibody (STJ11101623) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



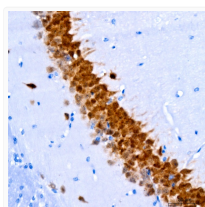
Immunohistochemistry analysis of paraffin-embedded rat brain using NeuN rabbit monoclonal antibody (STJ11101623) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



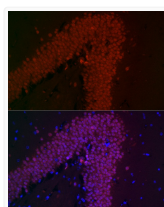
Immunohistochemistry analysis of paraffin-embedded human brain using NeuN rabbit monoclonal antibody (STJ11101623) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



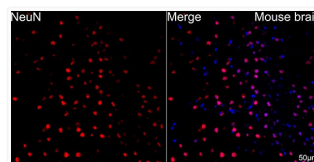
Immunohistochemistry analysis of NeuN in paraffin-embedded mouse brain tissue using NeuN rabbit monoclonal antibody (STJ11101623) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



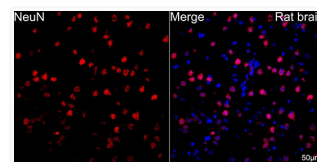
Immunohistochemistry analysis of NeuN in paraffin-embedded rat brain tissue using NeuN rabbit monoclonal antibody (STJ11101623) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of mouse brain, using NeuN rabbit monoclonal antibody (STJ11101623) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Confocal imaging of paraffin-embedded mouse brain using NeuN rabbit monoclonal antibody (STJ11101623, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x.



Confocal imaging of paraffin-embedded rat brain using NeuN rabbit monoclonal antibody (STJ11101623, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x.