

# Product Datasheet

## Synaptophysin Antibody (EP10) NBP1-19222

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-19222****Synaptophysin Antibody (EP10)****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	EP10
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.2) and 50% Glycerol

**Product Description**

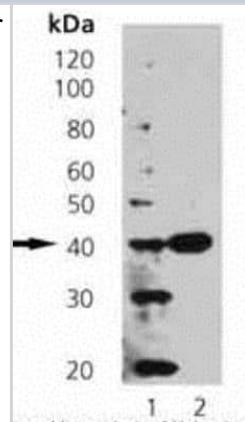
<b>Host</b>	Mouse
<b>Gene ID</b>	6855
<b>Gene Symbol</b>	SYP
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 30811984).
<b>Marker</b>	Pre-synaptic marker
<b>Specificity/Sensitivity</b>	Synaptophysin (EP10)
<b>Immunogen</b>	Immunoprecipitate of human brain

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID 28825600).

**Images**

Western Blot: Synaptophysin Antibody (EP10) [NBP1-19222] - Molecular Weight Markers (1) and Human brain extract (2), probed with Synaptophysin Monoclonal Antibody (EP10)



## Publications

Xiong M, Tao Y, Gao Q et al. Human Stem Cell-Derived Neurons Repair Circuits and Restore Neural Function Cell Stem Cell 2021-01-01 [PMID: 32966778]

Kumamaru H, Lu P, Rosenzweig ES et al. Regenerating Corticospinal Axons Innervate Phenotypically Appropriate Neurons within Neural Stem Cell Grafts Cell Rep 2019-02-26 [PMID: 30811984] (ICC/IF, Rat)

Lu P, Ceto S, Wang Y et al. Prolonged human neural stem cell maturation supports recovery in injured rodent CNS J. Clin. Invest. 2017-08-21 [PMID: 28825600] (ICC/IF, Human)



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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