

## Product Datasheet

# Synaptophysin Mouse Monoclonal Antibody (orb1474244)

<b>Catalog Number</b>	orb1474244
<b>Category</b>	Antibodies
<b>Description</b>	The Synaptophysin Antibody is suitable for IHC, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant fragment of SYP expressed in E. Coli. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Target</b>	SYP
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Purified recombinant fragment of SYP expressed in E. Coli.
<b>UniProt ID</b>	<b>P08247, Q62277, P07825</b>
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	WB (1/500 - 1/1000), IH (1/50 - 1/100)

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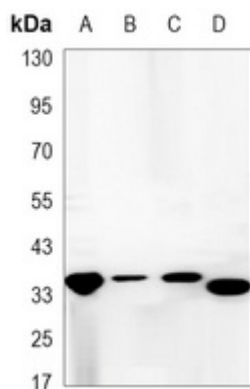
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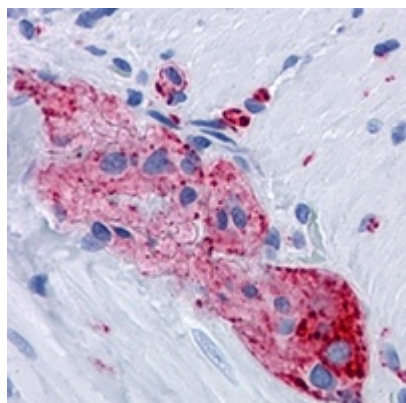
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<b>Specificity</b>	Recognizes endogenous levels of Synaptophysin protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>6855, 24804, 20977</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Synaptophysin expression in rat brain (A), rat hippocampus (B), Hela (C), NIH3T3 (D) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 34 kD)



Immunohistochemical analysis of Synaptophysin staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.140). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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