

Anti-SV2A antibody ab32942

★★★★★ [7 Abreviews](#) [35 References](#) [2 图像](#)

概述

产品名称	Anti-SV2A抗体
描述	兔多克隆抗体to SV2A
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Rat 预测可用于: Cow, Human 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: mouse and rat brain.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab32942 于以下的经测试应用

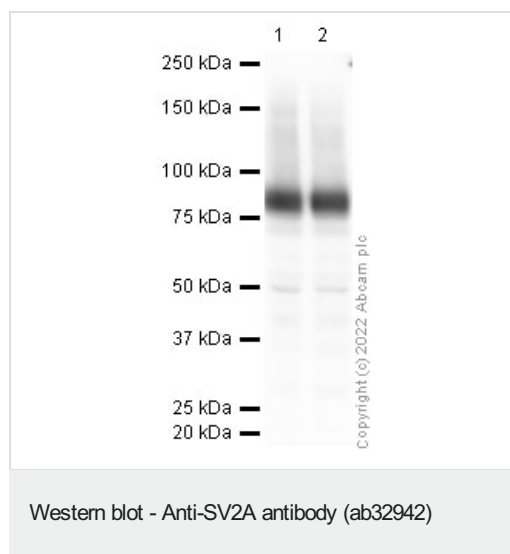
“应用说明”部分 下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use at an assay dependent concentration. Detects a band of approximately 82-92 kDa (predicted molecular weight: 83 kDa).
IP	★★★★★ (1)	Use at an assay dependent concentration.

靶标

功能	Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles.
序列相似性	Belongs to the major facilitator superfamily.
翻译后修饰	Phosphorylation by CK1 of the N-terminal cytoplasmic domain regulates interaction with SYT1. N-glycosylated.
细胞定位	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Enriched in chromaffin granules, not present in adrenal microsomes. Associated with both insulin granules and synaptic-like microvesicles in insulin-secreting cells of the pancreas.

图片



All lanes : Anti-SV2A antibody (ab32942) at 1 µg/ml

Lane 1 : Mouse brain

Lane 2 : Rat brain

Lysates/proteins at 20 µg per lane.

Secondary

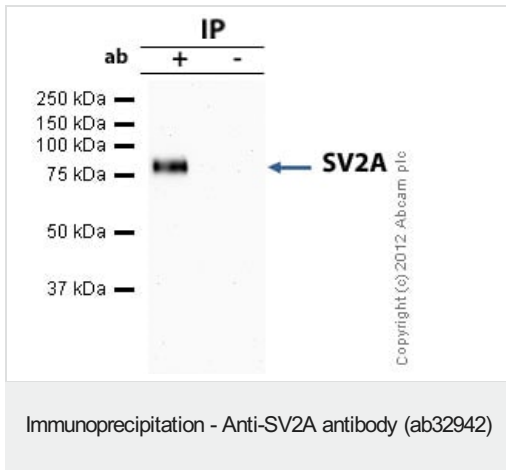
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Predicted band size: 83 kDa

Observed band size: 82 kDa

Exposure time: 1 minute

Blocking buffer: 2% BSA.



SV2A was immunoprecipitated using 0.5mg Mouse Brain whole tissue lysate, 5µg of Rabbit polyclonal to SV2A and 50µl of protein G magnetic beads (+). No antibody was added to the control (-). The antibody was incubated under agitation with Protein G beads for 10min, Mouse Brain whole tissue lysate lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab32942.

Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 82kDa: SV2A

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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