

# Anti-Synaptotagmin VII antibody ab121383

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### 概述

产品名称	Anti-Synaptotagmin VII抗体
描述	兔多克隆抗体to Synaptotagmin VII
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	antigen, corresponding to amino acids 51-181 of Human Synaptotagmin VII.
阳性对照	Synaptotagmin VII-transfected HEK293T lysate; Human kidney tissue.
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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab121383于以下的经测试应用

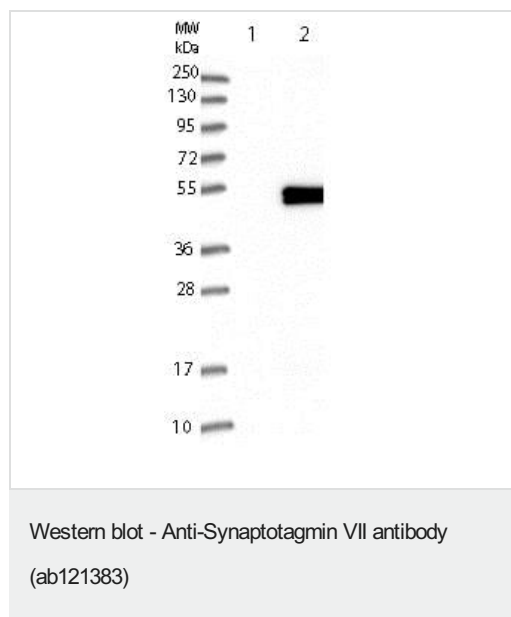
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

## 靶标

<b>功能</b>	May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis.
<b>组织特异性</b>	Expressed in a variety of adult and fetal tissues.
<b>序列相似性</b>	Belongs to the synaptotagmin family. Contains 2 C2 domains.
<b>结构域</b>	The second C2 domain/C2B is responsible for SYNCRIP binding.
<b>细胞定位</b>	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane.

## 图片



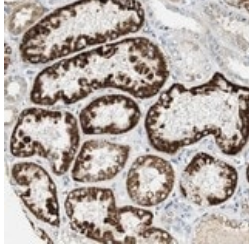
**All lanes** : Anti-Synaptotagmin VII antibody (ab121383) at 1/250 dilution

**Lane 1** : vector only transfected HEK293T lysate

**Lane 2** : Synaptotagmin VII-transfected HEK293T lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa))

Developed using the ECL technique.

10-20% SDS PAGE



ab121383 at 1/25 dilution staining Synaptotagmin VII in Paraffin-embedded Human kidney tissue by Immunohistochemistry, showing strong cytoplasmic positivity, with a granular pattern, in cells in tubules.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Synaptotagmin VII antibody (ab121383)

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

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