

Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-SYNAPTOTAGMIN I ANTIBODY**

**SKU:** EB08253



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Telephone: <u>(650)</u> 697-3600

250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa 20kDa

15kDa





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## **SPECIFICATIONS**

Formulation Supplied at 0,5 mg/ml in Tris saline, 0,02% sodium azide, pH7,3 with 0,5% bovine serum albumin,

**Unit Size** 100 μg

Storage

Aliquot and store at -20°C, Minimize freezing and thawing, Instructions

Synonym /

synaptotagmin 1|SYT|SVP65|P65|SYT1|DKFZp781D2042|synaptotagmin I

Names

**Alias** 

ID

**Accession** 

NP\_005630,1

**Blocking** 

**Peptide** 

EBP08253

Peptide with sequence C-RDLQSAEKEEQEK, from the internal region of the protein sequence according to **Immunogen** 

NP 005630,1,

**Product Comments** 

Reported isoforms NP 005630,1, NP 001129277,1 and NP 001129278,1 represent identical protein,

**Peptide** 

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide,

C-RDLQSAEKEEQEK

Shipping

Instructions

Refrigerated

**Predicted** 

Human, Mouse, Rat, Dog, Cow **Species** 

Reactive Human

**Species** 

Human 6857

Gene ID

Mouse 20979

Gene ID Rat Gene ID 25716

**Product** Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

**IHC Results** 

In paraffin embedded Human Brain shows vesicular staining in neuronal cell and axon, Recommended

concentration: 4-6µg/ml,

**ELISA** 

**Detection** 

Antibody detection limit dilution 1:2000,

Limit

**Blot** 

Approx, 65kDa band observed in Human Brain (hippocampus) and Mouse and Rat Brain lysates (calculated MW of 47,6kDa according to NP 005630,1), The observed molecular weight corresponds to earlier findings in

Western literature with different antibodies (Matthew et al, J Cell Biol, 1981 Oct;91(1):257-69,; PMID: 7298720),

Recommended concentration: 0,3-1µg/ml,



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Type

**Application** Pep-ELISA, WB, IHC

## **GALLERY IMAGES**

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