

Synaptotagmin XVI Polyclonal Antibody

Catalog No: YT4489

Reactivity: Human; Rat; Mouse;

Applications: WB;ELISA

Target: Synaptotagmin XVI

Gene Name: SYT16

Protein Name: Synaptotagmin-16

Human Gene Id: 83851

Human Swiss Prot

Q17RD7

No:

Mouse Swiss Prot

No:

Q7TN83

Immunogen:

The antiserum was produced against synthesized peptide derived from human

SYT16. AA range:231-280

Specificity: Synaptotagmin XVI Polyclonal Antibody detects endogenous levels of

Synaptotagmin XVI protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 72kD

1/2



Background:

function:May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Is Ca(2+)-independent.,sequence caution:Translated as Gln.,similarity:Belongs to the synaptotagmin family.,similarity:Contains 2 C2 domains.,subunit:Homodimer. Can also form heterodimers.,tissue specificity:Expressed in brain.,

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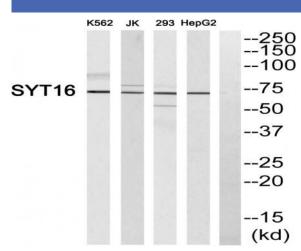
Subcellular Location :

plasma membrane,

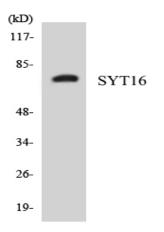
Expression:

Expressed in brain.

Products Images



Western blot analysis of SYT16 Antibody. The lane on the right is blocked with the SYT16 peptide.



Western blot analysis of the lysates from HepG2 cells using SYT16 antibody.