rSec8 monoclonal antibody (14G1)

rSec6 and rSec8 are rat homologs of the yeast Sec6 and Sec8 proteins that are essential for protein transport between the Golgi apparatus and the plasma membrane. In yeast, Sec8 is part of a 19.5S complex that includes Sec6 and Sec15, that also associate with the ras-like GTP binding protein Sec4. An analogous 17S complex in rat brain was found to contain rSec6 and rSec8, along with eight proteins with a combined molecular weight of 743 kDa. The membrane-associated rSec6/8 complex co-immunoprecipitates with syntaxin, providing evidence that this complex is involved in synaptic vesicle docking and fusion at the presynaptic terminal.

This antibody is covered by our Worry-Free Guarantee.

Citations: 13 View Online »

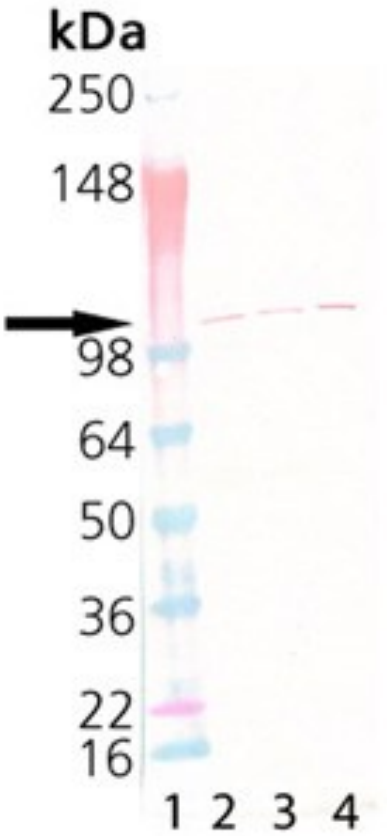
Ordering Information

Order Online »

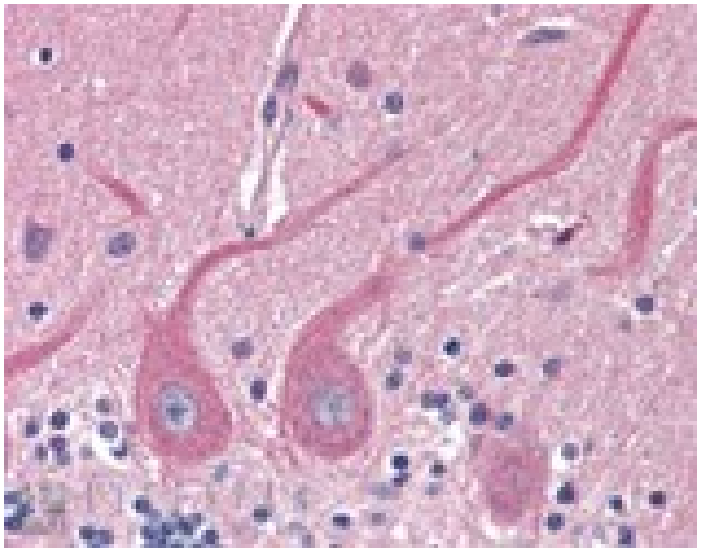
ADI-VAM-SV016-F	200µg

Manuals, SDS & CofA

View Online »



Western blot analysis of rSec8: Lane 1: MWM, Lane 2: Brain (rat), (tissue extract) (Prod No. ADI-LYT-RB100), Lane 3: Brain (mouse), (tissue extract) (Prod No. ADI-LYT-MB100), Lane 4: MDBK Cell Lysate.



Immunohistochemistry analysis of human brain, cerebellum tissue stained with rSec8, mAb (14G1) at 5µg/ml.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Exocyst complex component 4
Application	ICC, IHC (PS), IP, WB
Application Notes	Detects a band of ~110kDa by Western blot.
Clone	14G1
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	U32498
Host	Mouse
Immunogen	Recombinant rat rSec8.
Isotype	IgG1
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Immunoprecipitation (12.5µg/ml)Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from ascites.
Species Reactivity	Bovine, Chicken, Dog, Fish, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep

UniProt ID Q62824

Worry-free Guarantee **This antibody is covered by our Worry-Free Guarantee .**

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