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Datasheet for RT-T077

Rat Brain

Overview

Description:	Rat Brain - RT-T077
Item No.:	RT-T077
Size:	1 Each
Applications:	WB
Origin:	Rat

Product Details

Species of Origin:	Rat

Target Details

Relevant Links:	• RT-T077 SDS

Application Details

Suggested Applications:	WB (Based on references)

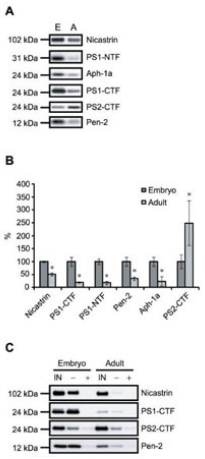
Formulation

Physical State:	Tissue
Sterility:	Non-sterile

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store tissue at -20° C or colder prior to use.
Expiration:	No expiration date is given for this product if properly stored.

Images



Western Blot
Levels of γ-secretase components and active complexes in embryonic and adult rat brain.(A) The levels of γ-secretase components in equal amounts of protein from embryonic (E) and adult (A) membrane preparations were analyzed by western blot using antibodies directed to the γ-secretase complex components. (B) Quantification of γ-secretase components in embryonic and adult membrane preparations from western blot. Equal amounts of protein from four different embryonic and adult membrane preparations were loaded together with three different dilutions of one of the membrane samples. The intensities from the diluted samples were plotted as a standard curve to which the other membrane preparations were correlated. Data are presented as mean values ± SD (n = 4). *, $p<0.05$ adult vs embryo (C) Active γ-secretase was captured from embryonic and adult rat brain membranes with 200 nM of a biotinylated γ-secretase inhibitor in the presence or absence of 10 µM L-685,458 followed by the addition of streptavidin beads. Bound complexes and 10% of the input (IN) were separated on SDS-PAGE and detected by western blot using antibodies directed to the γ-secretase components. Fig 3. PMID: 20333303.

References

- Hanzawa K et al. N-Glycoproteomics sample preparation using commercially available cellulose magnetic particles. *Mol Cell Proteomics.* (2026)
- Frånberg J et al. gamma-Secretase dependent production of intracellular domains is reduced in adult compared to embryonic rat brain membranes. *PloS One* (2010)

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