

Product datasheet for **TA326497**

Piccolo (PCLO) Mouse Monoclonal Antibody [Clone ID: 6H9-B6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6H9-B6
Applications:	WB
Recommended Dilution:	WB: 1:2000
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Full length protein
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	piccolo presynaptic cytomatrix protein
Database Link:	NP_149015 Entrez Gene 56768 Rat Entrez Gene 27445 Human Q9Y6V0

Background: Piccolo, also referred to as Aczonin, is a large protein which consists of an N-terminal Zn²⁺ finger, several piccolo-bassoon homology domains and C-terminal PDZ and C2 domains. In general it is found together with bassoon, a related huge multi-domain protein of the CAZ (cytoskeletal matrix assembled at active zones). Piccolo is a scaffolding protein for proteins involved in endo- and exocytosis of synaptic vesicles. Piccolo has also been shown to interfere with clathrin mediated endocytosis by binding to the F-actin and dynamin binding protein Abp1.

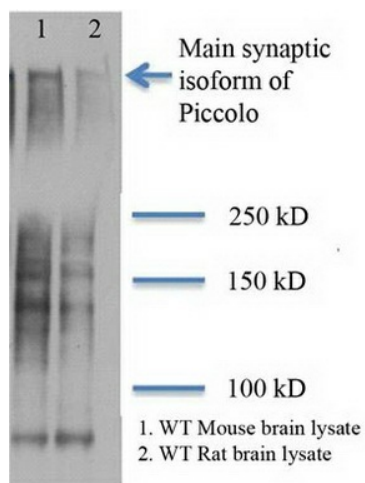
Synonyms: ACZ



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Note: No cross-reactivity to Bassoon, band at ~550kDa corresponding to the molecular weight of Piccolo.

Product images:



WB analysis of PCLO using the antibody.