

Product Datasheet

Piccolo Antibody (APC) (orb152167)

Catalog Number	orb152167
Category	Antibodies
Description	Rabbit polyclonal to Picollo (APC). 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..
Target	Piccolo
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	APC
Reactivity	Human, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	95.46mM Phosphate, 2.48mM MES and 2mM EDTA
Purification	Protein A Purified
Immunogen	Recombinant Full length Protein, BC001304.1
UniProt ID	Q9Y6V0
MW	550kDa

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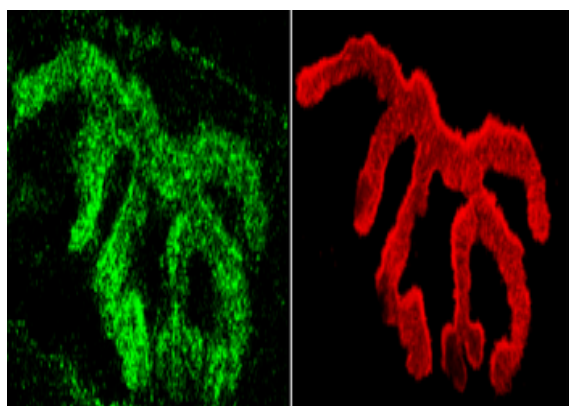
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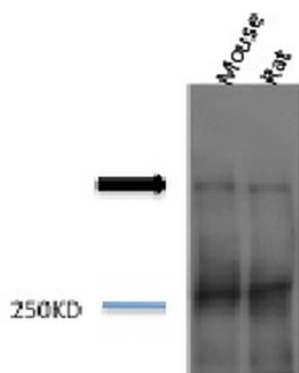
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Tested applications	IHC, WB
Dilution range	WB (1:1000), IHC (1:400)
Application notes	1 µg/ml of SPC-197 was sufficient for detection of Piccolo in 10 µg of rat brain tissue lysate by colorimetric immunoblot analysis using goat ant rabbit IgG:HRP as the secondary antibody.
Specificity	Detects ~550kDa. No cross-reactivity to Bassoon.
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	27445
NCBI	NP_055325.2



Immunohistochemistry analysis using Rabbit Anti-Piccolo Polyclonal Antibody. Tissue: Muscle. Species: Mouse. Primary Antibody: Rabbit Anti-Piccolo Polyclonal Antibody at 1:400. Secondary Antibody: Alexa Fluor 488 Goat Anti-Rabbit. Counterstain: BTX (red). Localization: Selective staining of the NMJ.



Western blot analysis of Mouse, Rat brain cell lysates showing detection of Piccolo protein using Rabbit Anti-Piccolo Polyclonal Antibody. Primary Antibody: Rabbit Anti-Piccolo Polyclonal Antibody at 1:1000.

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