

AB-NN307-1

Piccolo Antibody

Pan-specific monoclonal antibody (6H9-B6) for monitoring the expression of mouse Piccolo



KINEXUS

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Target Protein

Name Long:	Piccolo
Alias:	ACZ, Aczonin, PCLO, Pico, presynaptic cytomatrix protein
UniProt ID:	Q9QYX7 - Mouse
Human Predicted Mass (kDa):	560.699 (5142 AA; Q9Y6V0-5); 560.858 (4866 AA; Q9Y6V0-2); 553.277 (5065 AA; Q9Y6V0-1); 537.886 (4935 AA; Q9Y6V0-6); 530.858 (4866 AA; Q9Y6V0-2); 51.012 (490 AA; Q9Y6V0-4); 39.047 (356 AA; Q9Y6V0-3)
Observed SDS-PAGE Mass (kDa):	550

Immunogen

Antibody Immunogen Source:	Full length protein, BC001304.1
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	28 IgG2bKappa
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ELISA
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-188 was sufficient for detection of Piccolo in 20 µg of rat brain tissue lysate by colorimetric immunoblot analysis using goat IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~550 kDa protein.
Antibody Specificity:	Medium-High
Antibody Cross Reactivities:	No cross-reactivity to Bassoon.

This product is for in vitro research use only and is not intended for use in humans or animals.

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