

# AB-NN307-2

## Piccolo Antibody

Pan-specific polyclonal antibody for monitoring the expression of human Piccolo



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Piccolo
<b>Alias:</b>	ACZ, Aczonin, Brain-derived HLMN protein, DKFZp779G1236, KIAA0559, Multidomain presynaptic cytomatrix protein, PCLO, PCLO_HUMAN, Piccolo (presynaptic cytomatrix protein), Piccolo mouse homologue of Pico, Presynaptic cytomatrix protein, Protein piccolo
<b>UniProt ID:</b>	Q9Y6VO - Human
<b>Human Predicted Mass (kDa):</b>	560.699 (5142 AA; Q9Y6VO-5); 553.277 (5,065 AA; Q9Y6VO-1); 537.886 (4935 AA; 51.012 (490 AA; Q9Y6VO-4);6); 530.858 (4866 AA; Q9Y6VO-2); 51.012 (490 AA; Q9Y6VO-4); 39.047 (356 AA; Q9Y6VO-3)
<b>Observed SDS-PAGE Mass (kDa):</b>	550

### Immunogen

<b>Antibody Immunogen Source:</b>	Full length protein, BC001304.1
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	27 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	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.
<b>Target Detection Immunoblotting:</b>	Detects a ~550 kDa protein.
<b>Antibody Cross Reactivities:</b>	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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