

## Product datasheet

### anti-delta Catenin guinea pig polyclonal, serum

#### Short overview

<b>Cat. No.</b>	GP27
<b>Quantity</b>	100 µl

#### Product description

<b>Host</b>	Guinea pig
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Synthetic peptide J7 (corresponding to aa 1175-1192), coupled to KLH
<b>Formulation</b>	Contains 0.09% sodium azide and 0.5% BSA
<b>Note</b>	Centrifuge prior to opening
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Stabilized antiserum
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC, WB
<b>Reactivity</b>	Bovine, Human, Mouse, Rat

#### Applications

<b>Immunocytochemistry (ICC)</b>	1:100
<b>Immunohistochemistry (IHC) - frozen</b>	1:100
<b>Immunohistochemistry (IHC) - paraffin</b>	1:100 (microwave treatment recommended)
<b>Western Blot (WB)</b>	1:2,500

#### Background

The antibody reacts specifically with neurojungin (delta-catenin, a unique 160 kD polypeptide of the plakoglobin / armadillo protein family) present in adhering type junctions in the nervous system, primarily expressed in the brain. Delta-catenin also binds to presenilin-1, mutations of this protein are described to play a role in familial Alzheimers disease. No cross-reaction with other members of the armadillo / plakoglobin protein family.

Polypeptide reacting: Neurojungin (delta-catenin), 160 kD polypeptide.

Reactivity on cultured cell lines: Murine cell line A1B2, stably transfected with neurojungin cDNA.

Positive control: Murine brain, retina.

#### Product images



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## References

Publication	Species	Application
<a href="#">Paffenholz, R., Kuhn, C., Grund, C., Stehr, S. &amp; Franke, W. W. The arm-repeat protein NPRAP (neurojungin) is a constituent of the plaques of the outer limiting zone in the retina, defining a novel type of adhering junction. Exp. Cell Res. 250, 452â€“64 (</a>	mouse	WB