

Product datasheet

anti-delta Catenin guinea pig polyclonal, serum

Short overview

Cat. No.	GP27
Quantity	100 µl

Product description

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

Applications

Immunocytochemistry (ICC)	1:100
Immunohistochemistry (IHC) - frozen	1:100
Immunohistochemistry (IHC) - paraffin	1:100 (microwave treatment recommended)
Western Blot (WB)	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
Paffenholz, R., Kuhn, C., Grund, C., Stehr, S. & 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 (	mouse	WB