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Nectin 1 Polyclonal Antibody

Catalog # AP73785

Product Information

Application	WB, E
Primary Accession	Q15223
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57158

Additional Information

Gene ID	5818
Other Names	PVRL1; HVEC; PRR1; Poliovirus receptor-related protein 1; Herpes virus entry mediator C; Herpesvirus entry mediator C; HveC; Herpesvirus Ig-like receptor; HIgR; Nectin-1; CD111
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

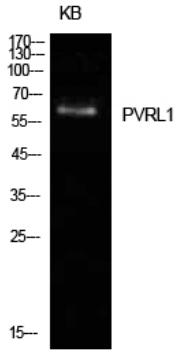
Name	NECTIN1 {ECO:0000303|PubMed:11356977, ECO:0000312|HGNC:HGNC:9706}
Function	Cell adhesion molecule that promotes cell-cell contacts and plays important roles in the development of the nervous system (PubMed:21325282). Acts by forming homophilic or heterophilic trans- dimers (PubMed:21325282). Heterophilic interactions have been detected between NECTIN1 and NECTIN3 and between NECTIN1 and NECTIN4 (By similarity). Involved in axon guidance by promoting contacts between the commissural axons and the floor plate cells (By similarity). Involved in synaptogegesis (By similarity). Has some neurite outgrowth- promoting activity (By similarity). Promotes formation of checkerboard- like cellular pattern of hair cells and supporting cells in the auditory epithelium via heterophilic interaction with NECTIN3: NECTIN1 is present in the membrane of hair cells and associates with NECTIN3 on supporting cells, thereby mediating heterotypic adhesion between these two cell types (By similarity). Required for enamel mineralization (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens

junction. Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9JKF6}; Single-pass type I membrane protein Note=In the auditory epithelium, specificaly localizes to the apical side of the lateral membranes of hair cells {ECO:0000250|UniProtKB:Q9JKF6} [Isoform Delta]: Cell membrane; Single-pass type I membrane protein

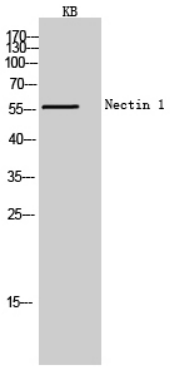
Background

Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between NECTIN1 and NECTIN3 and between NECTIN1 and NECTIN4. Has some neurite outgrowth-promoting activity.

Images



Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Western Blot analysis of KB cells using Nectin 1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.