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Anti-Nectin 4 Antibody

Catalog # AP60975

Product Information

Application	WB, IHC
Primary Accession	Q96NY8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55454

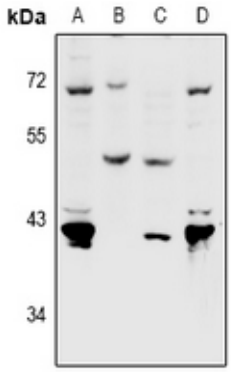
Additional Information

Gene ID	81607
Other Names	LNIR; PRR4; Poliovirus receptor-related protein 4; Ig superfamily receptor LNIR; Nectin-4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nectin 4. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

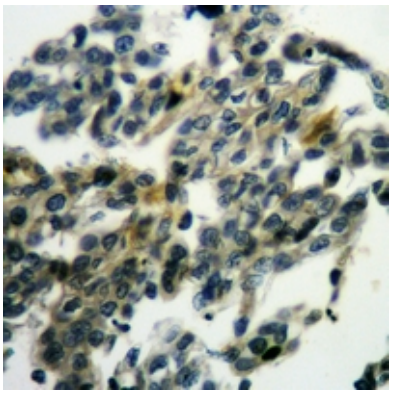
Protein Information

Name	NECTIN4 (HGNC:19688)
Synonyms	LNIR, PRR4, PVRL4
Function	Seems to be involved in cell adhesion through trans- homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Colocalizes with AFDN at cadherin- based adherens junctions (PubMed:11544254)
Tissue Location	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

Images



Western blot analysis of Nectin 4 expression in Hela (A), MCF7 (B), MEF (C), PC12 (D) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 52; 40; 66 kD)



Immunohistochemical analysis of Nectin 4 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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