

## Product datasheet for **TA350225**

### Nectin 3 (NECTIN3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human placenta tissue and NIH/3T3 cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PVRL3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	nectin cell adhesion molecule 3
Database Link:	<a href="#">NP_056295</a> <a href="#">Entrez Gene 58998 Mouse</a> <a href="#">Entrez Gene 25945 Human</a> <a href="#">Q9NQS3</a>



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**Background:**

This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants.

**Synonyms:**

CD113; CDW113; NECTIN-3; PPR3; PRR3; PVRR3

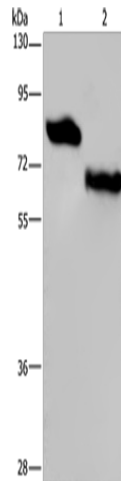
**Protein Families:**

Druggable Genome, Transmembrane

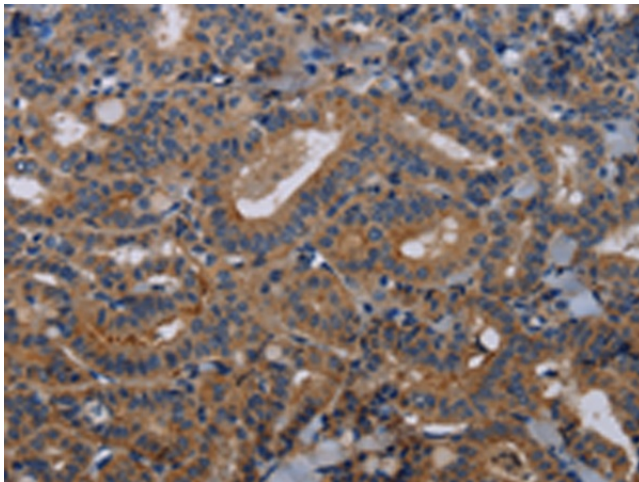
**Protein Pathways:**

Adherens junction, Cell adhesion molecules (CAMs)

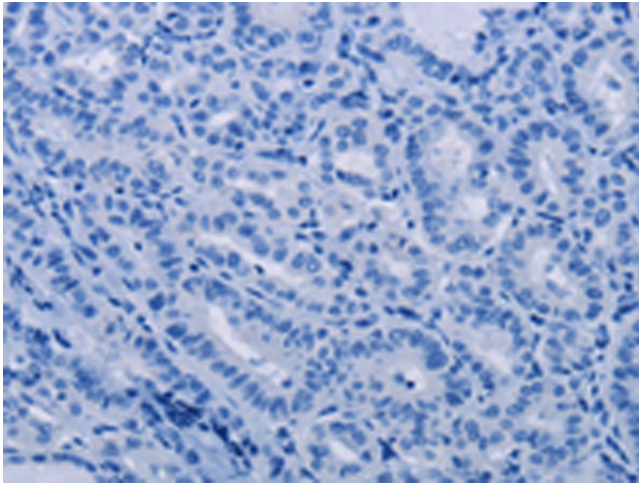
**Product images:**



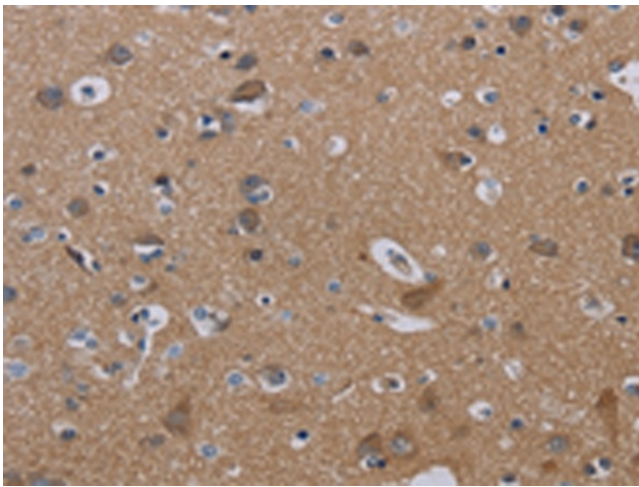
Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-2: Human placenta tissue  
 NIH/3T3 cells  
 Primary antibody: TA350225 (NECTIN3 Antibody)  
 at dilution 1/300  
 Secondary antibody: Goat anti rabbit IgG at  
 1/8000 dilution  
 Exposure time: 5 minutes



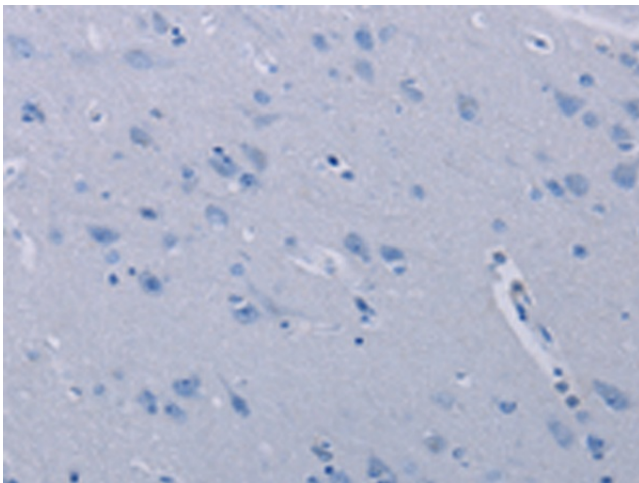
Immunohistochemistry of paraffin-embedded  
 Human thyroid cancer tissue using TA350225  
 (NECTIN3 Antibody) at dilution 1/40 (Original  
 magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350225 (NECTIN3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350225 (NECTIN3 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA350225 (NECTIN3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )