

**PAB835Hu01**

**Polyclonal Antibody to Netrin 4 (Ntn4)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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9th Edition (Revised in Jul, 2013)

## **[ PRODUCT INFORMATION ]**

**Immunogen:** Ntn4, Human

**Clonality:** Polyclonal

**Host:** Rabbit

**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F, ELISA

**Concentration:** 200µg/mL

**UOM:** 100µg

## **[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant Ntn4 (Glu349~His592) expressed in *E.coli*.

**Accession No.:** RPB835Hu01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID  
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV  
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFP KLVCFK  
KRIEAIQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD GSTSGSGHHH HHSAGLVPR  
GSTAIGMKET AA AKFERQHM DSPDLGTGGG SGIEGRGSMG YRGSEF-EA SGNRSGGVCD  
DCQHNT EGQY CQRCKPGFYR DLRRPFSAPD ACKPCSCHPV GSAVLPANSV  
TFCDPSNGDC PCKPGVAGRR CDRCMVGYWG FGDYGCRPCD CAGSCDPITG  
DCISSHTDID WYHEVPDFRP VHNKSEPAWE WEDAQGFSAL LHS GKCECKE QTLGNAKAF C  
GMKYSYVLKI KILSAHDKGT HVEVNVKIKK VLKSTKLKIF R GKRTLYPES WTRD RGCTCPI  
LNPGLEYLVA GH

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against Ntn4. It has been selected for its ability to recognize Ntn4 in immunohistochemical staining and western blotting.

## [ APPLICATIONS ]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

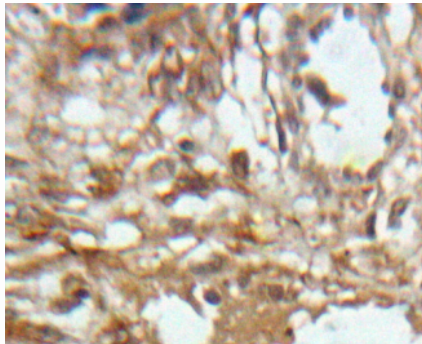
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

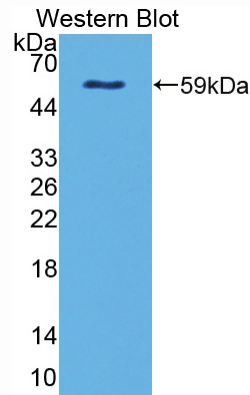
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ IMAGES ]



Used in DAB staining on formalin fixed  
paraffin- embedded Ovary tissue



Used in Western Blot, Sample:  
Recombinant Ntn4, Human

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02%  $\text{NaN}_3$ , 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant Ntn4 (Glu349~His592) disposed in loading buffer.

**Usage:** 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.  
5uL per well when used in enhanced chemiluminescent (ECL).

**Note:** The quality control is specifically manufactured as the positive control. Not used for other purposes.

**Loading Buffer:** 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%,  $\text{NaN}_3$  0.02%.

## [ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.