

NPNT Rabbit pAb

CatalogNo: YN3168

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 60kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human NPNT AA range: 485-535

Specificity This antibody detects endogenous levels of NPNT at Human/Mouse

Target Information

Gene name NPNT EGFL6L POEM UNQ295/PRO334

Protein Name NPNT

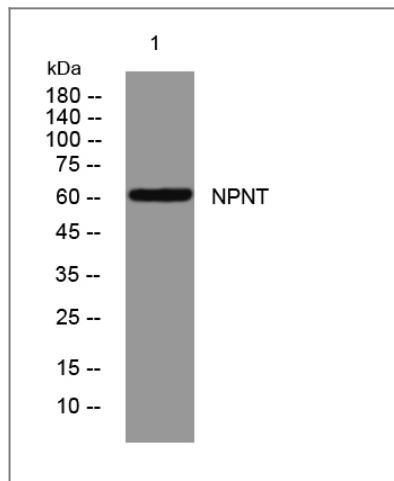
Organism	Gene ID	UniProt ID
Human	255743 ;	Q6UXI9 ;
Mouse	114249 ;	Q91V88 ;

Cellular Localization Secreted, extracellular space, extracellular matrix . Trapped on the cell surface or in the extracellular matrix. .

Tissue specificity Expressed in kidney and lung and to a lower extent in brain, pregnant uterus, placenta, thyroid gland and blood vessels.

Function developmental stage:Expressed in fetal kidney, cochlea, eye, heart and lung.,Domain:The MAM domain is required for localization at the cell surface.,Function:Functional ligand of integrin alpha-8/beta-1 in kidney development. Regulates the expression of GDNF with integrin alpha-8/beta-1 which is essential for kidney development. May also play a role in the development and function of various tissues, regulating cell adhesion, spreading and survival through the binding of several integrins.,similarity:Belongs to the nephronectin family.,similarity:Contains 1 MAM domain.,similarity:Contains 5 EGF-like domains.,subcellular location:Trapped on the cell surface or in the extracellular matrix.,subunit:Homodimer and homotrimer.,tissue specificity:Expressed in kidney and lung and to a lower extent in brain, pregnant uterus, placenta, thyroid gland and blood vessels.,

Validation Data



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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