

Nephrin Antibody

Rabbit Polyclonal Antibody

Catalog # ABV11844

Product Information

Application	WB, IHC
Primary Accession	O60500
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	134742

Additional Information

Gene ID	4868
Positive Control	WB: HeLa, HEK293 and PC12 cell lysates; IHC: human brain sections
Application & Usage	WB; 1:500 – 1:2000, IH; 1:50 – 1:200
Alias Symbol	NPHS1
Other Names	NPHN; Nephrin; Renal glomerulus-specific cell adhesion receptor
Appearance	Colorless liquid
Formulation	In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Nephrin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NPHS1 (HGNC:7908)
Synonyms	NPHN
Function	Seems to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation through regulation of myoblast fusion (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Note=Predominantly

located at podocyte slit diaphragm between podocyte foot processes. Also associated with podocyte apical plasma membrane.

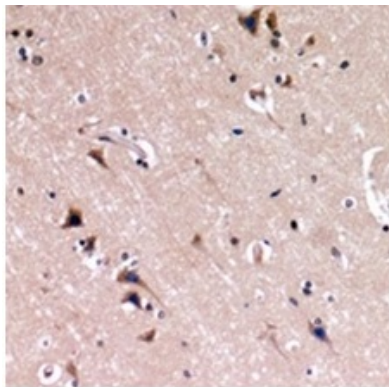
Tissue Location

Specifically expressed in podocytes of kidney glomeruli

Background

Seems to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation through regulation of myoblast fusion

Images



Immunohistochemical analysis of Nephtrin staining in H.brain formalin fixed paraffin embedded tissue section.

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