

COLEC11 Rabbit pAb

CatalogNo: YN6183

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 30kD (Calculated)

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 COLEC11

Specificity This antibody detects endogenous levels of COLEC11 at Human, Mouse

| Target Information

Gene name COLEC11 UNQ596/PRO1182

Protein Name	Collectin-11 (Collectin kidney protein 1) (CL-K1)		
	Organism	Gene ID	UniProt ID
	Human	78989;	Q9BWP8;
	Mouse	71693;	Q3SXB8;
Cellular Localization	Secreted .		
Tissue specificity	Ubiquitous (PubMed:17179669). Detected in adrenal gland, kidney, liver, ovaries and testis (at protein level) (PubMed:20956340).		
Function	Lectin that plays a role in innate immunity, apoptosis and embryogenesis . Calcium-dependent lectin that binds self and non-self glycoproteins presenting high mannose oligosaccharides with at least one terminal alpha-1,2-linked mannose epitope . Primarily recognizes the terminal disaccharide of the glycan . Also recognizes a subset of fucosylated glycans and lipopolysaccharides . Plays a role in innate immunity through its ability to bind non-self sugars presented by microorganisms and to activate the complement through the recruitment of MAPS1 . Also plays a role in apoptosis through its ability to bind in a calcium-independent manner the DNA present at the surface of apoptotic cells and to activate the complement in response to this binding (Probable). Finally, plays a role in development, probably serving as a guidance cue during the migration of neural crest cells and other cell types during embryogenesis .		

Validation Data

Contact information

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Please scan the QR code
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 product information:
COLEC11 Rabbit
pAb

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